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B&A Buys & Associates, Inc.
Environmental Consultants

300 E. Mineral Ave., Suite 10
Littleton, CO 80122-2631
303/781-8211 303/781-1167 Fax

June 10, 2005

Mrs. Diana Whitney
State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.
LCU 14-36F, 548' FSL & 1,962' FWL, SE/4 SW/4
Section 36, T10S, R20E, SLB&M, Uintah County, Utah

Dear Mrs. Whitney:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and one copy of the *Application for Permit to Drill (APD)* for the above referenced well. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Don Hamilton
Agent for Dominion

cc: Fluid Mineral Group, BLM—Vernal Field Office
Carla Christian, Dominion
Marty Buys, Buys & Associates, Inc.

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DIV. OF OIL, GAS & MINING

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: ML-47391	6. SURFACE: State
7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
8. UNIT or CA AGREEMENT NAME: Little Canyon Unit	
9. WELL NAME and NUMBER: LCU 14-36F	
10. FIELD AND POOL, OR WILDCAT: Natural Buttes	
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 36 10 20 S	
12. COUNTY: Uintah	13. STATE: UTAH

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☑ MULTIPLE ZONE ☐

2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.

3. ADDRESS OF OPERATOR: 14000 Quail Sp Pkwy CITY Oklahoma City STATE OK ZIP 73134

PHONE NUMBER: (405) 749-5263

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 548' FSL & 1,962' FWL 618371X 39.898173

AT PROPOSED PRODUCING ZONE: 548' FSL & 1,962' FWL 4417143Y -109.615387

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 13.54 miles south of Ouray, Utah

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
548'	640	40
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
1,990'	9,050	SITLA Blanket ~~76S 63050 361~~
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
5,342'	8/1/2005	14 days

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12-1/4"	8-5/8" J-55 ST 32#	2,000	see Drilling Plan 252/219/100
7-7/8"	5-1/2" Mav 80 L 17#	9,050	see Drilling Plan 160/435

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

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☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER

☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER

☑ COMPLETE DRILLING PLAN

☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Don Hamilton TITLE Agent for Dominion Exploration & Production, Inc.

SIGNATURE Don Hamilton DATE 6/10/2005

(This space for State use only)

API NUMBER ASSIGNED: 43-047-36783

APPROVAL

Approved by the
Utah Division of
Oil, Gas and Mining

(See Instructions on Reverse Side)

Date: 07-18-05

By: [signature]

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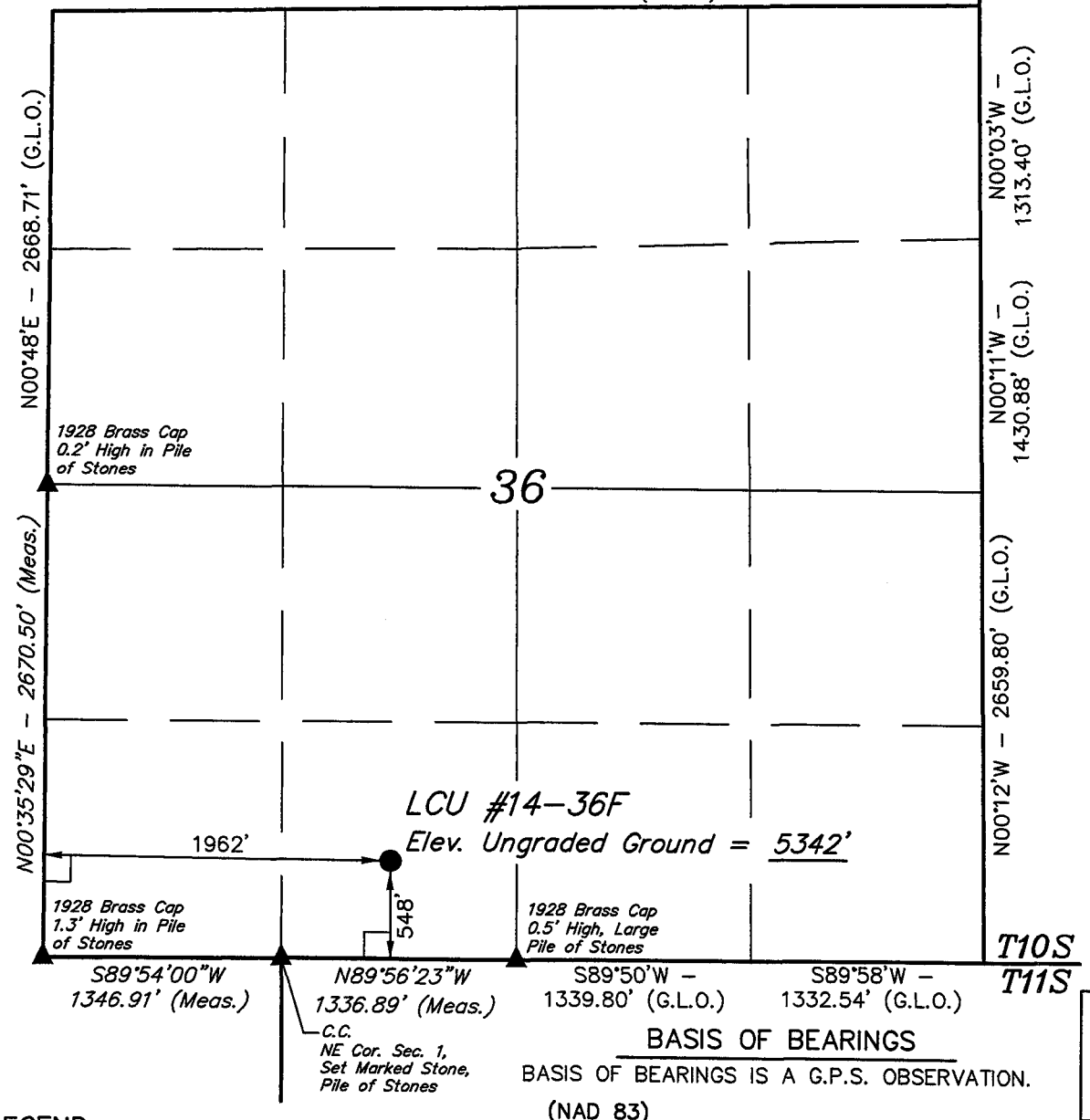
(11/2001)

T10S, R20E, S.L.B.&M.

R 20 E | R 21 E



BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)
LATITUDE = 39°53'53.32" (39.898144)
LONGITUDE = 109°36'57.93" (109.616092)
(NAD 27)
LATITUDE = 39°53'53.44" (39.898178)
LONGITUDE = 109°36'55.45" (109.615403)

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

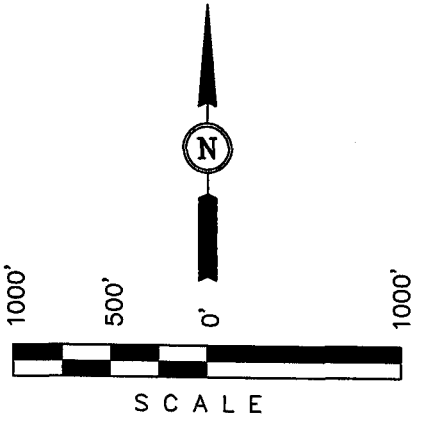
▲ = SECTION CORNERS LOCATED.

DOMINION EXPLR. & PROD., INC.

Well location, LCU #14–36F, located as shown in the SE 1/4 SW 1/4 of Section 36, T10S, R20E, S.L.B.&M. Uintah County Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789–1017

SCALE: 1" = 1000'	DATE SURVEYED: 4–11–05	DATE DRAWN: 4–19–05
PARTY: B.B. J.M. K.G.	REFERENCES: G.L.O. PLAT	
WEATHER: COLD	FILE: DOMINION EXPLR. & PROD., INC	

DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator:	Dominion Exploration & Production
Address:	14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134
Well Location:	LCU 14-36F 548' FSL & 1962' FWL Section 36-10S-20E Uintah County, UT

1. GEOLOGIC SURFACE FORMATION — Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

Formation	Depth
Wasatch Tongue	3,660'
Green River Tongue	4,010'
Wasatch	4,150'
Chapita Wells	5,060'
Uteland Buttes	6,110'
Mesaverde	6,810'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

Formation	Depth	Type
Wasatch Tongue	3,660'	Oil
Green River Tongue	4,010'	Oil
Wasatch	4,150'	Gas
Chapita Wells	5,060'	Gas
Uteland Buttes	6,110'	Gas
Mesaverde	6,810'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

Type	Size	Weight	Grade	Conn.	Top	Bottom	Hole
Surface	8-5/8"	32.0 ppf	J-55	STC	0'	2,000'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	9,050'	7-7/8"

Note: The drilled depth of the surface hole and the setting depth of the surface casing may vary from 1,700' to 2,000'. Should a lost circulation zone be encountered while drilling, casing will be set approximately 300' below the lost circulation zone. If no lost circulation zone is encountered, casing to be set at 2,000'±.

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DRILLING PLAN

APPROVAL OF OPERATIONS

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized. Air foam mist, rotating head and diverter system will be utilized.
Production hole: Prior to drilling out the surface casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

Depths	Mud Weight (ppg)	Mud System
0' – 2,000'	8.4	Air foam mist, rotating head and diverter
2,000' – 9,050'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

a. Kelly cock.
b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING. LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to surface casing.
- The gamma ray will be left on to record from total depth to surface casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to surface casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500–2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

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DRILLING PLAN

APPROVAL OF OPERATIONS

11. WATER SUPPLY
- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

12. CEMENT SYSTEMS

a. Surface Cement:
- Drill 12-1/4" hole to 2,000'±, run and cement 8-5/8" to surface (depth to vary based on depth of lost circulation zone).
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement the casing annulus to surface. Top out jobs to be performed if needed. Depending to depth of top of cement in the annulus, a 1" tubing string may or may not be utilized.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	252	0'–1,500'	11.0 ppg	3.82 CFS	619 CF	835 CF	35%
Tail	219	1,500'–2,000'	15.6 ppg	1.18 CFS	220 CF	297 CF	35%
Top Out	100	0'-200'	15.6 ppg	1.18 CFS	95 CF	118 CF	24% (if required)

Lead Mix: Premium Plus V blend. Blend includes Class "G" cement, gel, salt, gilsonite.
Slurry yield: 3.82 cf/sack Slurry weight: 11.00 #/gal.
Water requirement: 22.95 gal/sack

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.
Slurry yield: 1.18 cf/sack Slurry weight: 15.60 #/gal.
Water requirement: 5.2 gal/sack

Top Out: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.
Slurry yield: 1.18 cf/sack Slurry weight: 15.60 #/gal.
Water requirement: 5.2 gal/sack

c. Production Casing Cement:
- Drill 7-7/8" hole to 9,050'±, run and cement 5 1/2".
- Cement interface is at 4,000', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
- Displace with 3% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	160	3,700'–4,700'	11.5 ppg	3.12 CFS	175 CF	350 CF	100%
Tail	435	4,700'–9,050'	13.0 ppg	1.75 CFS	473 CF	946 CF	100%

Note: A caliper log will be ran to determine cement volume requirements.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.
Water requirement: 17.71 gal/sack
Compressives @ 130^{0}F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.
Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.
Water requirement: 9.09 gal/sack
Compressives @ 165^{0}F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS
Starting Date: August 1, 2005
Duration: 14 Days

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SURFACE USE PLAN

CONDITIONS OF APPROVAL

Attachment for Permit to Drill

ddress:	14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134
Well Location:	LCU 14-36F 548' FSL & 1962' FWL Section 36-10S-20E Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

A state onsite inspection is pending at this time.

1. Existing Roads:

   a. The proposed well site is located approximately 13.54 miles south of Ouray, UT.

   b. Directions to the proposed well site have been attached at the end of Exhibit B.

   c. The use of roads under State and County Road Department maintenance are necessary to access the Little Canyon Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.

   d. All existing roads will be maintained and kept in good repair during all phases of operation.

   e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.

   f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.

   g. An off-lease federal, tribal or fee Right-of-Way is not anticipated for the access road or utility corridor since both are located within the existing state lease and Little Canyon Unit boundary.

2. Planned Access Roads:

a. From the existing LCU 12-36F access road an access is proposed trending southeast approximately 0.6 miles to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages. A road design plan is not anticipated at this time.

b. The proposed access road will consist of a 14' travel surface within a 30' disturbed area.

c. SITLA approval to construct and utilize the proposed access road is requested with this application.

d. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.

e. No turnouts are proposed since the access road is only 0.6 miles long and adequate site distance exists in all directions.

f. No culverts or low water crossings are anticipated. Adequate drainage structures will be incorporated into the road.

g. No surfacing material will come from SITLA or Indian lands.

h. No gates or cattle guards are anticipated at this time.

i. Surface disturbance and vehicular travel will be limited to the approved location access road.

j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

k. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

a. Following is a list of existing wells within a one mile radius of the proposed well:

i.	Water wells	None
ii.	Injection wells	None
iii.	Disposal wells	None
iv.	Drilling wells	None
v.	Temp. shut-in wells	None
vi.	Producing wells	1
vii.	Abandon wells	1

b. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.

b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.

c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

d. A tank battery will be constructed on this location; it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.

e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.

f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.

g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the east side of the well site and traverse 3,461' northwest to the existing 4" pipeline that services the LCU 12-36F.

i. The new gas pipeline will be a 6" or less steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 3,461' is associated with this well.

j. With this application Dominion requests permission to upgrade the existing 4" surface pipeline to a 6" surface pipeline across SITLA surface to the west line of Section 36 (SITLA / Federal) boundary within the Little Canyon Unit and SITLA lease to accommodate additional transportation needs.

k. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

a. The use of materials will conform to 43 CFR 3610.2-3.

b. No construction materials will be removed from Ute Tribal or SITLA lands.

c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.

b. Drill cuttings will be contained and buried on site.

c. The reserve pit will be located outboard of the location and along the south side of the pad.

d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.

e. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.

f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.

g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.

h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.

i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.

j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.

k. **Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.**

l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.

m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

a. The well will be properly identified in accordance with 43 CFR 3162.6.

b. Access to the well pad will be from the east.

c. The pad and road designs are consistent with SITLA specification

d. A pre-construction meeting with responsible company representative, contractors, and the SITLA will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.

e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.

f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.

g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.

h. Diversion ditches will be constructed as shown around the well site to prevent surface waters form entering the well site area.

i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.

j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.

k. Pits will remain fenced until site cleanup.

l. The blooie line will be located at least 100 feet from the well head.

m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface:

a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.

b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the SITLA or the appropriate County Extension Office. On Ute Tribal and SITLA administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.

c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.

d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.

e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the SITLA.

11. Surface and Mineral Ownership:

a. Surface Ownership – State of Utah – under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.

b. Mineral Ownership – State of Utah – under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.

12. Other Information:

a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.

b. Additional information:

   a. No drainage crossings that require additional State or Federal approval are being crossed.

   b. No raptor habitat is known to exist within 1 mile of the proposed wellsite.

   c. A paleontological clearance will be completed prior to earth moving activities.

13. Operator's Representative and Certification

Title	Name	Office Phone
Company Representative (Roosevelt)	Mitchiel Hall	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's State and BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 6-10-05

ORIGINAL

DOMINION EXPLR. & PROD., INC.
LCU #14-36F
SECTION 36, T10S, R20E, S.L.B.&M.

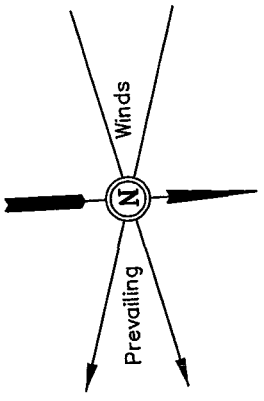
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 13.5 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #12-36F TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE EAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 48.05 MILES.

DOMINION EXPLR. & PROD., INC.

LOCATION LAYOUT FOR

LCU #14-36F
SECTION 36, T10S, R20E, S.L.B.&M.
548' FSL 1962' FWL



SCALE: 1" = 50'
DATE: 4-19-05
Drawn By: K.G.

C-5.5'
El. 46.5'

F-2.6'
El. 38.4'

Topsoil Stockpile

Sta. 3+55

65'

C-2.1'
El. 43.1'

Round Corners as Needed

DATA

175'

Topsoil Stockpile

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

CATWALK

PIPE RACKS

Pit Topsoil

Approx. Top of Cut Slope

FLARE PIT

El. 44.9'
C-3.9'

El. 43.2'
C-2.2'

C-1.1'
El. 42.1'

20' WIDE BENCH

RIG

DOG HOUSE

30'

35'

135'

Sta. 1+80

El. 46.1'
C-13.1'
(btm. pit)

100'

Total Pit Capacity
W/2' of Freeboard
= 10,750 Bbls. ±
Total Pit Volume
= 3,120 Cu. Yds.

Slope = 1-1/2:1

MUD TANKS

WATER

TRAILER

PUMP

TOILET

MUD SHED

Reserve Pit Backfill & Spoils Stockpile

10' WIDE BENCH

140'

Sta. 1+10

HOPPER

FUEL

POWER

TRASH

TOOLS

RESERVE PITS
(8' Deep)

FUEL

Sta. 0+52

El. 47.3'
C-14.3'
(btm. pit)

20' WIDE BENCH

180'

C-2.0'
El. 43.0'

F-0.8'
El. 40.2'

STORAGE TANK

Approx. Toe of Fill Slope

40'

Sta. 0+00

C-1.8'
El. 42.8'

Proposed Access Road

F-8.3'
El. 32.7'

F-4.3'
El. 36.7'

Elev. Ungraded Ground at Location Stake = 5342.1'
Elev. Graded Ground at Location Stake = 5341.0'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

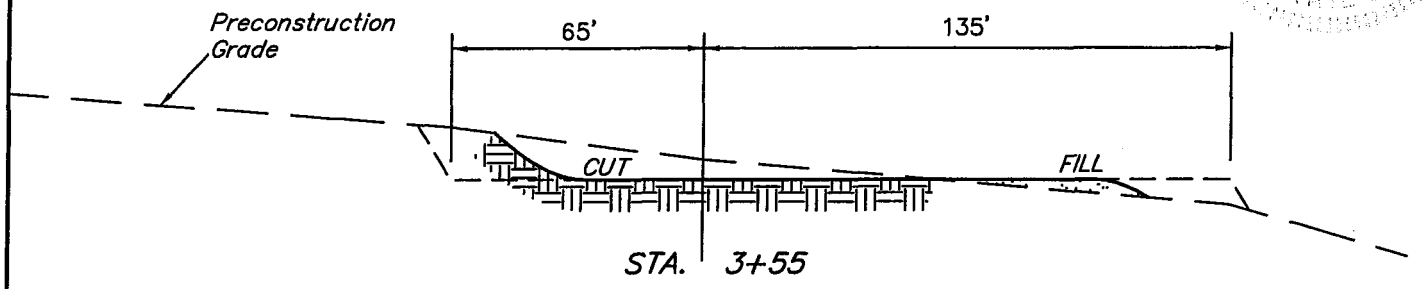
DOMINION EXPLR. & PROD., INC.

TYPICAL CROSS SECTIONS FOR

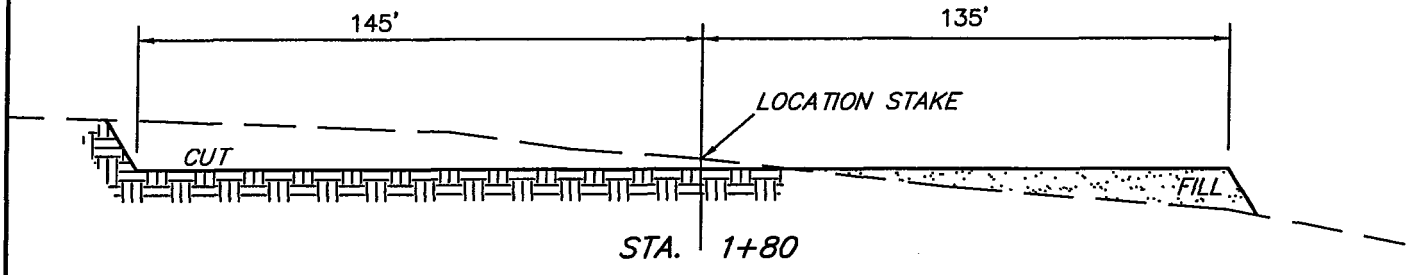
LCU #14-36F
SECTION 36, T10S, R20E, S.L.B.&M.
548' FSL 1962' FWL

1" = 20'
X-Section Scale
1" = 50'

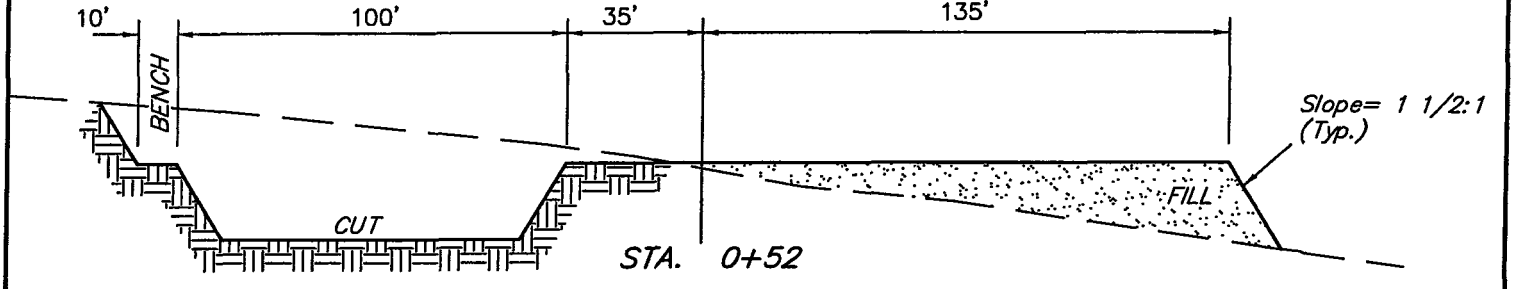
DATE: 4-19-05
Drawn By: K.G.



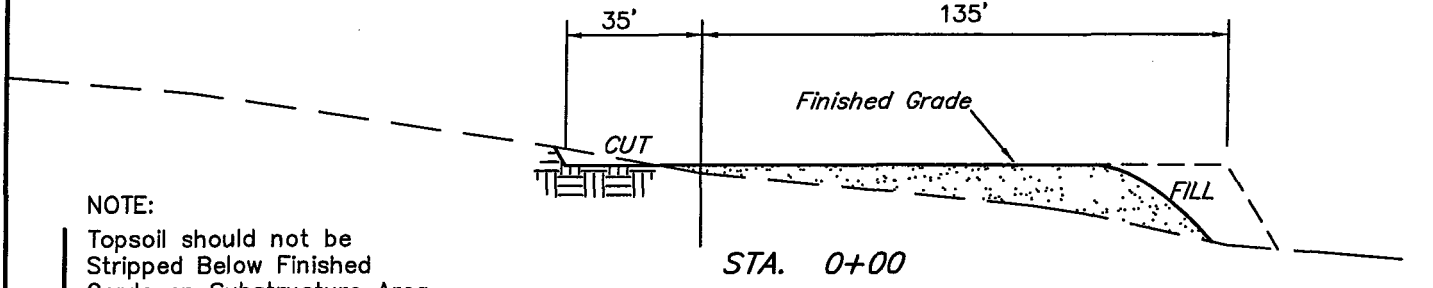
STA. 3+55



STA. 1+80



STA. 0+52



STA. 0+00

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 1,790 Cu. Yds.

Remaining Location = 7,870 Cu. Yds.

TOTAL CUT = 9,660 CU.YDS.

FILL = 5,360 CU.YDS.

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL = 4,300 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,350 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 950 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
86 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

DOMINION EXPLR. & PROD., INC.

LCU #14-36F

LOCATED IN UINTAH COUNTY, UTAH
SECTION 35, T10S, R20E, S.L.B.&M.

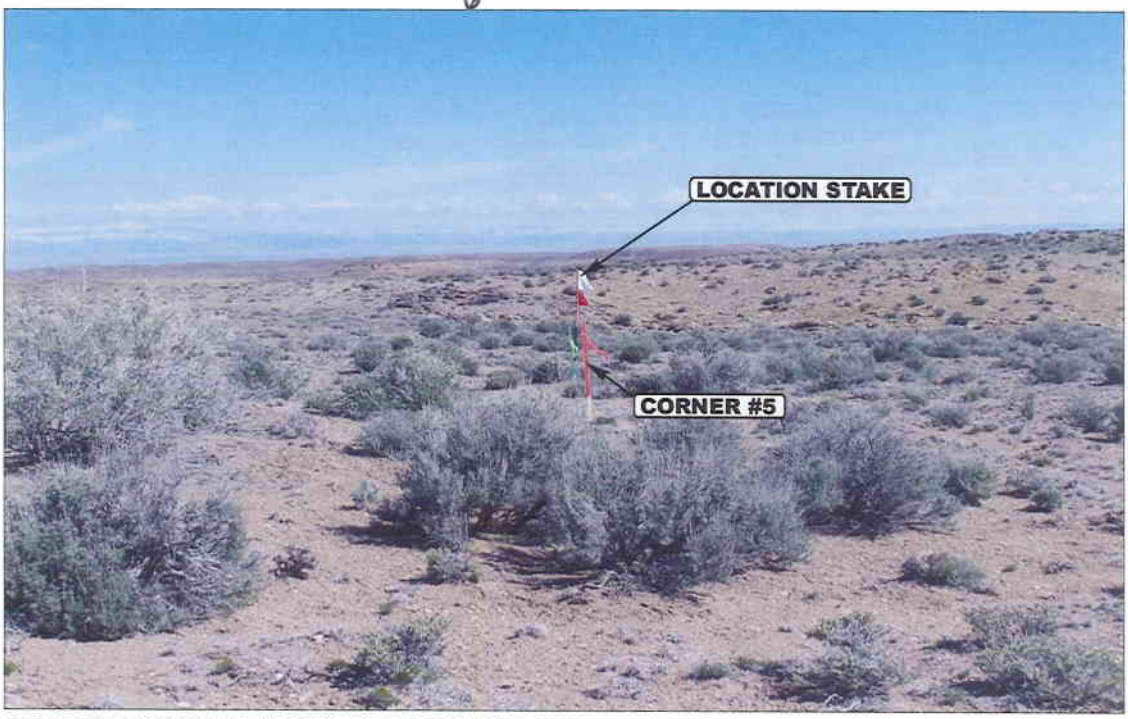
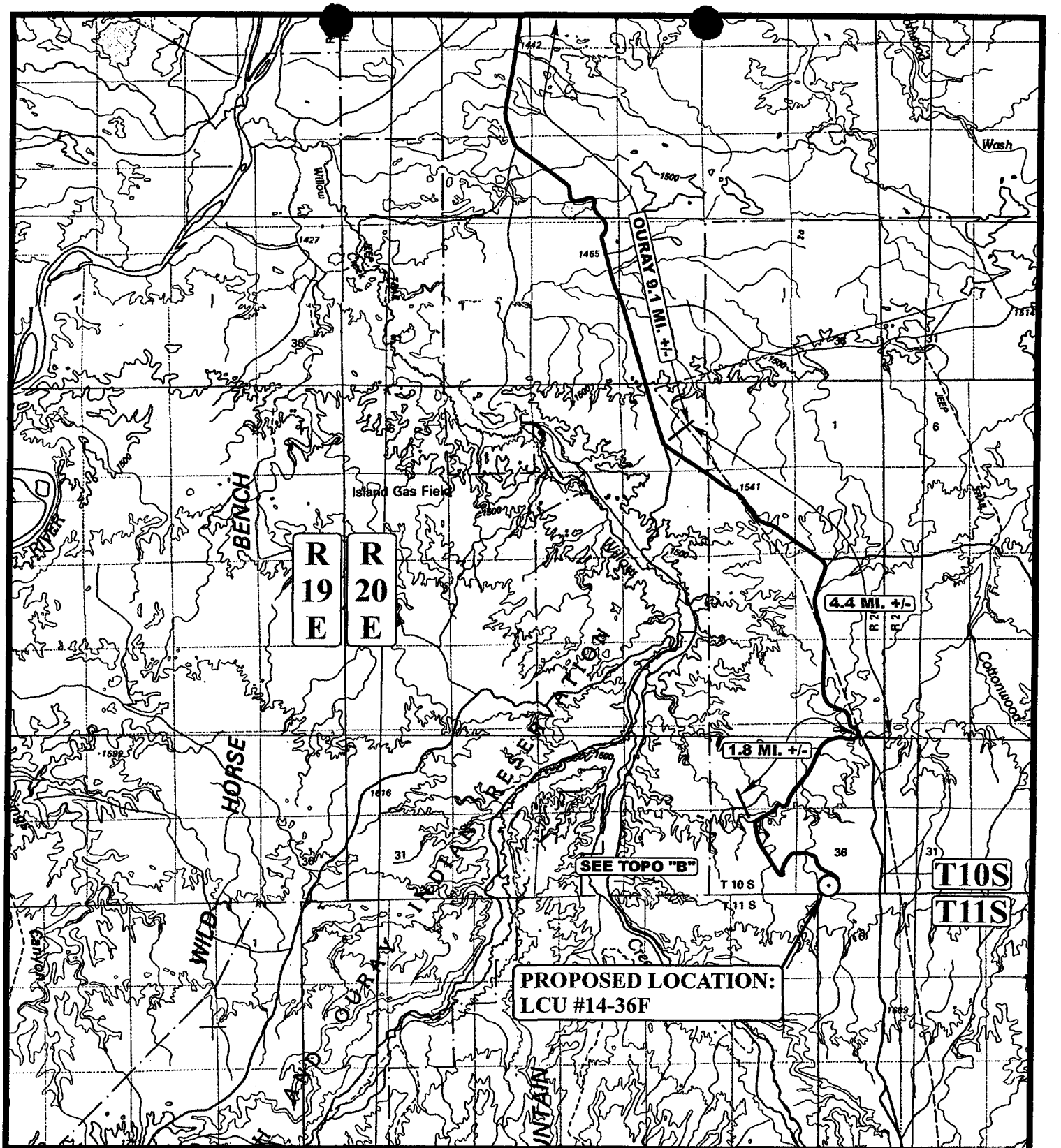


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: NORTHERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: NORTHEASTERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	04 MONTH	13 DAY	05 YEAR	PHOTO
TAKEN BY: B.B.	DRAWN BY: C.P.	REVISED: 00-00-00		



LEGEND:

⊙ PROPOSED LOCATION

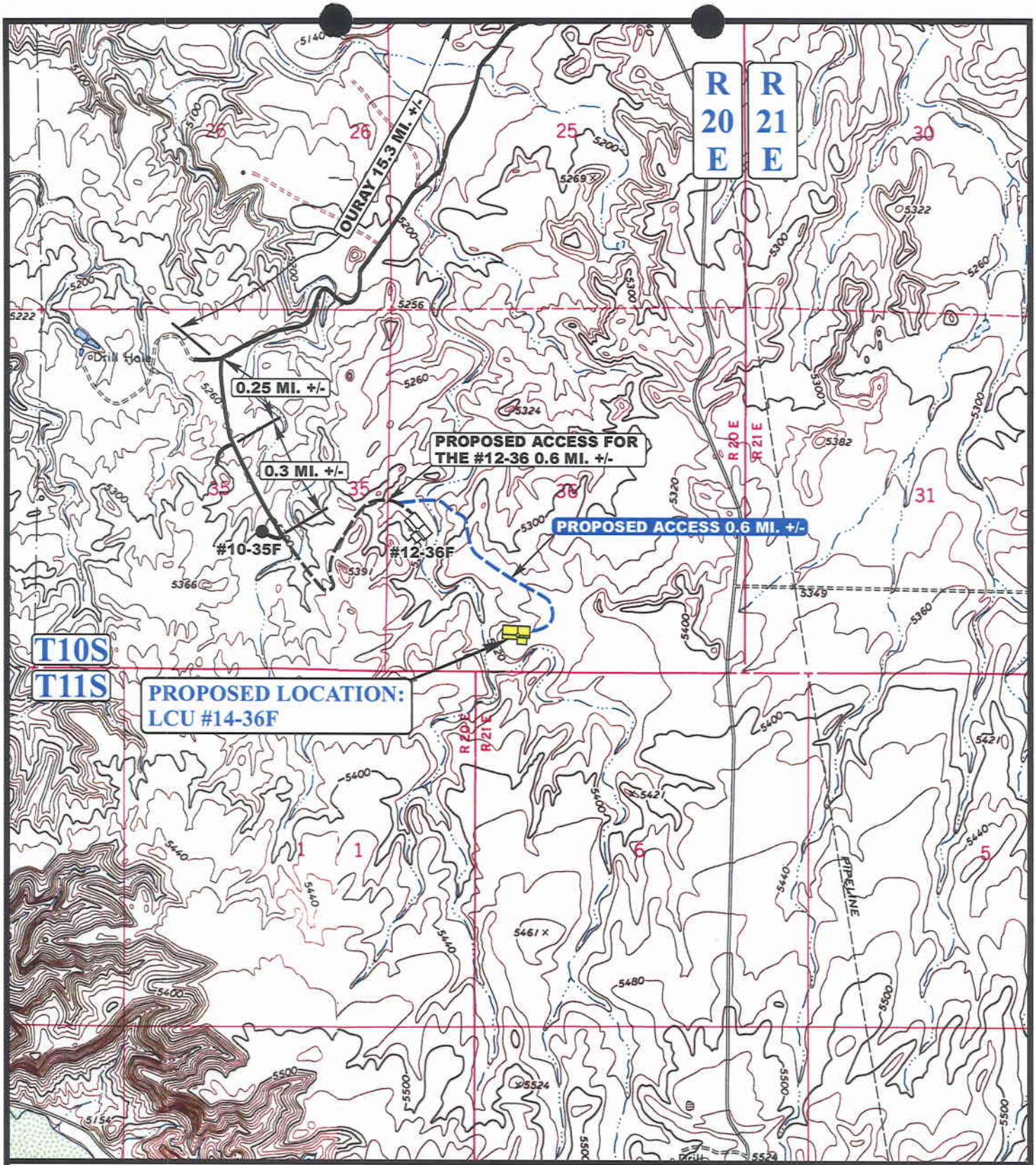
N

DOMINION EXPLR. & PROD., INC.

LCU #14-36F
SECTION 36, T10S, R20E, S.L.B.&M.
548' FSL 1962' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	13 DAY	05 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: C.P.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

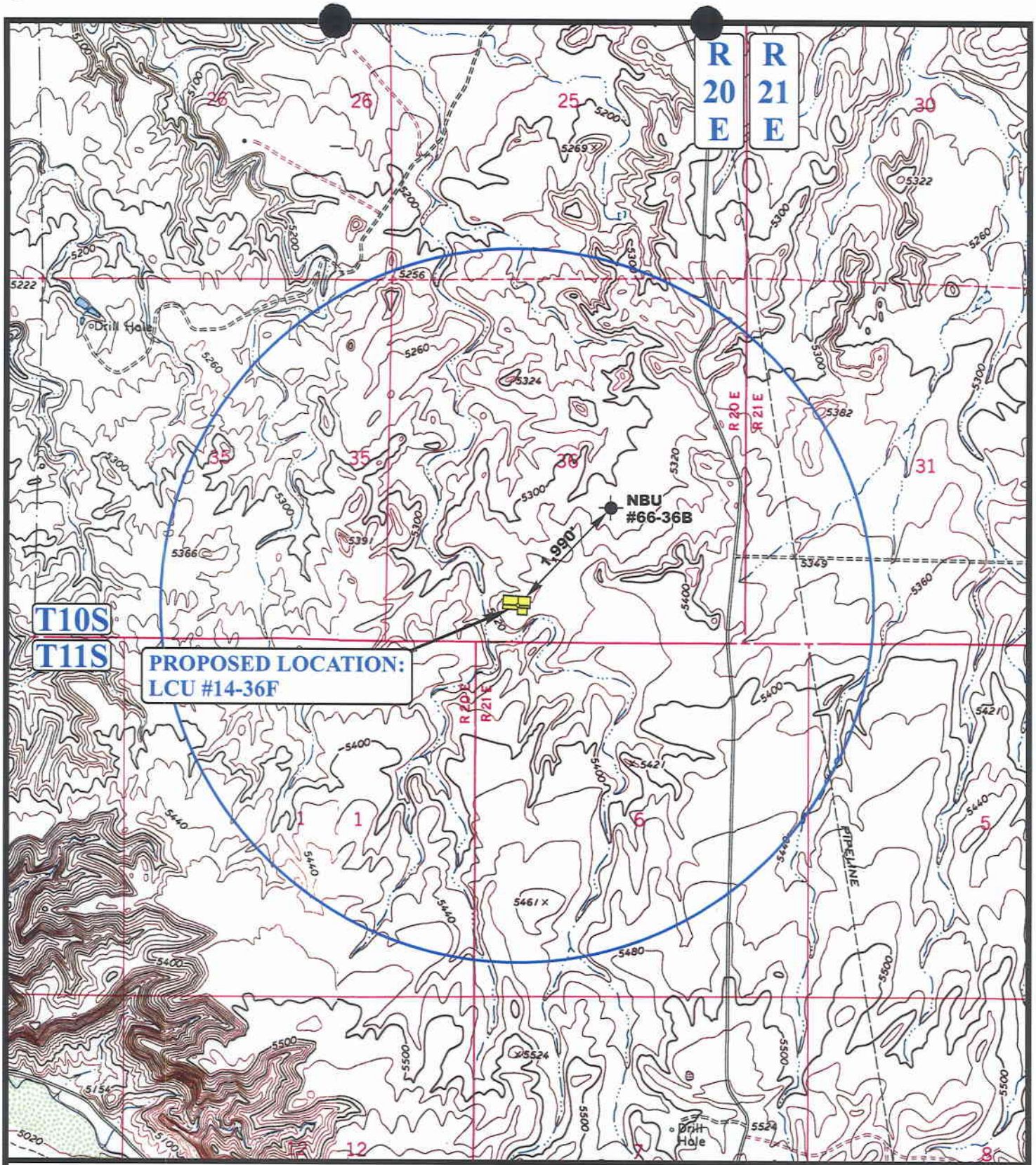
N

DOMINION EXPLR. & PROD., INC.

LCU #14-36F
SECTION 36, T10S, R20E, S.L.B.&M.
548' FSL 1962' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	13 DAY	05 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: C.P.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

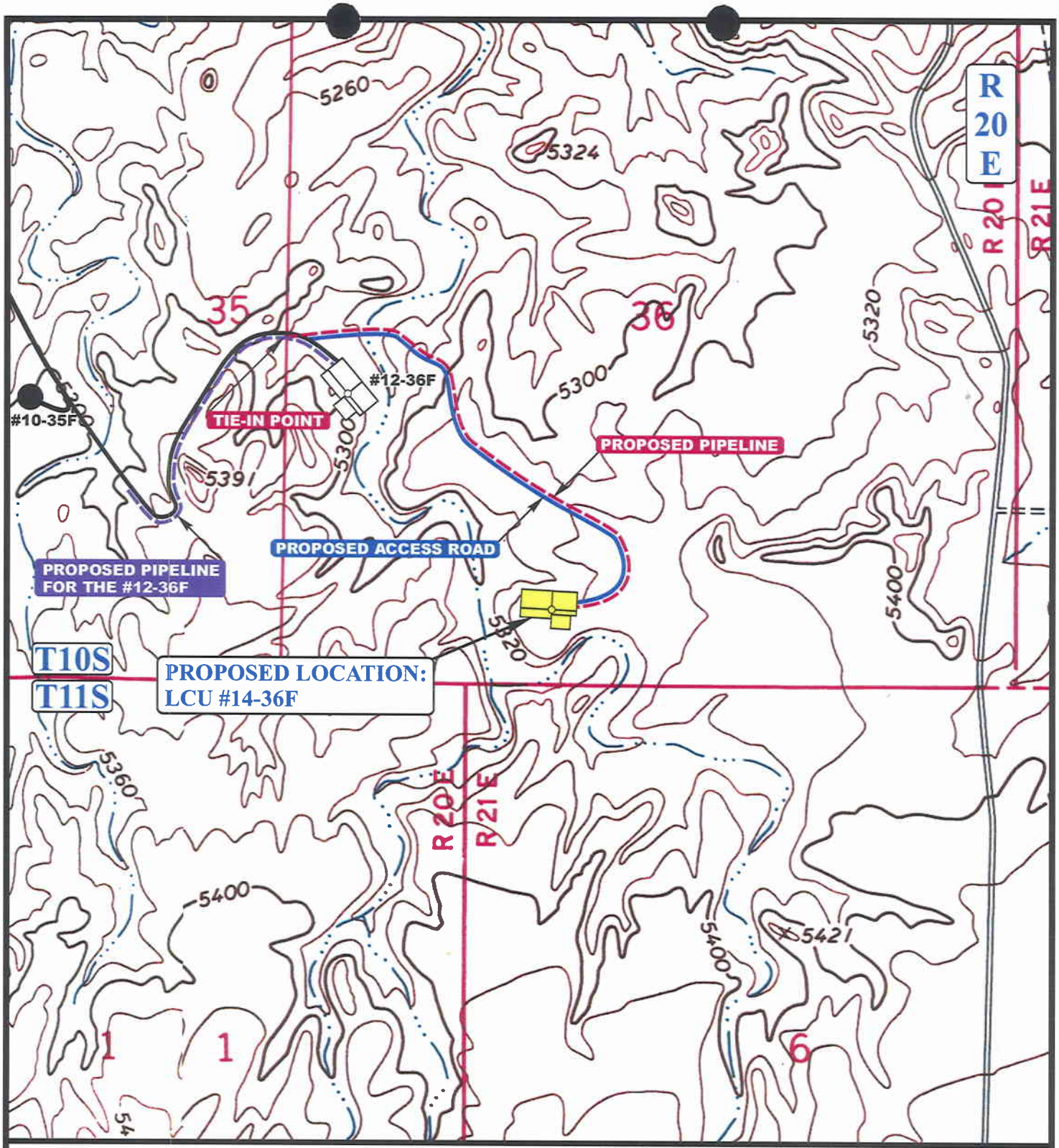
N

DOMINION EXPLR. & PROD., INC.

LCU #14-36F
SECTION 36, T10S, R20E, S.L.B.&M.
548' FSL 1962' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	13 DAY	05 YEAR
SCALE: 1" = 2000'	DRAWN BY: C.P.	REVISED: 00-00-00	C TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 3,461 +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)

N

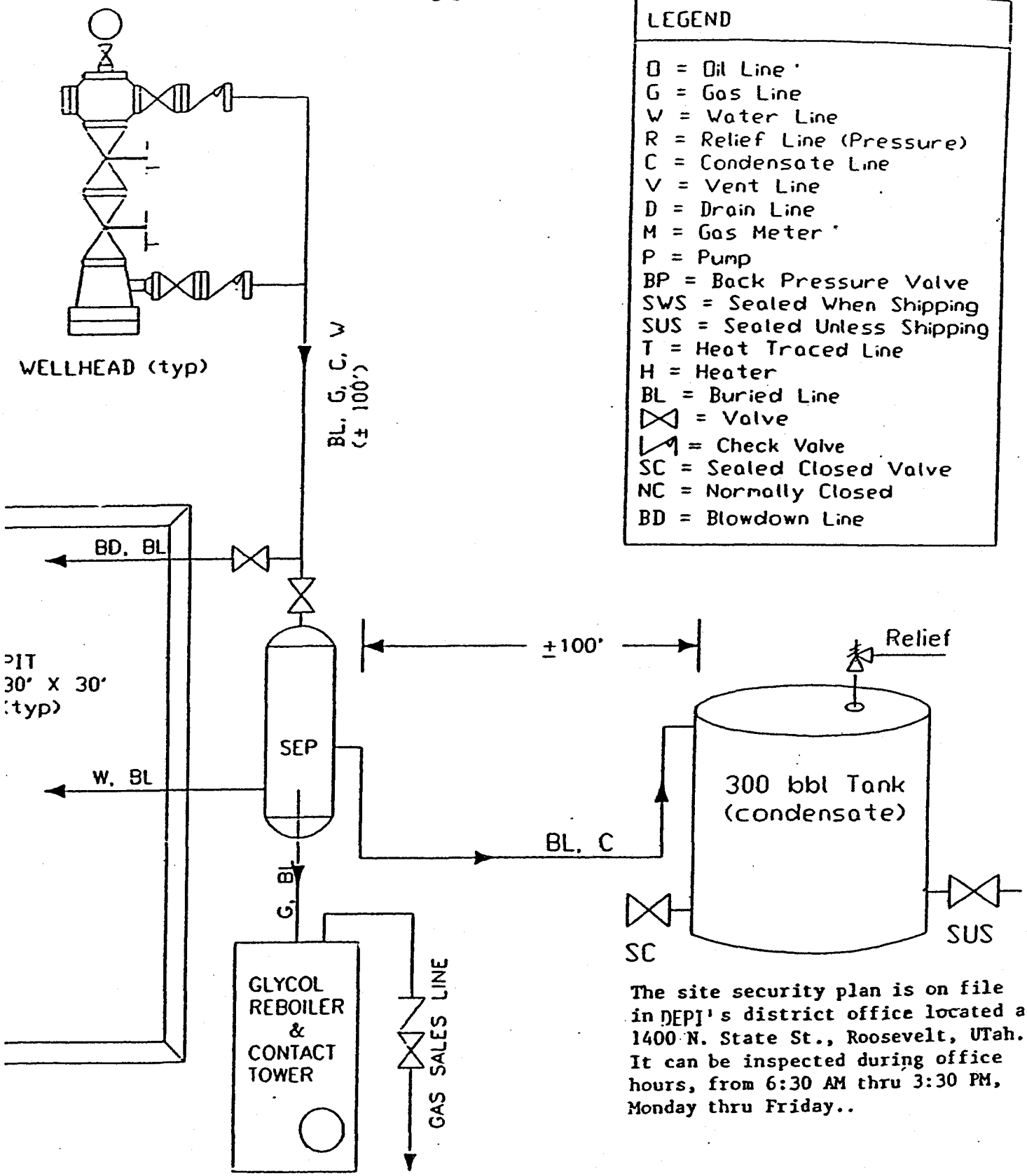
DOMINION EXPLR. & PROD., INC.

LCU #14-36F
SECTION 36, T10S, R20E, S.L.B.&M.
548' FSL 1962' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	13 DAY	05 YEAR
SCALE: 1" = 1000'	DRAWN BY: C.P.	REVISED: 00-00-00	D TOPO

CONFIDENTIAL

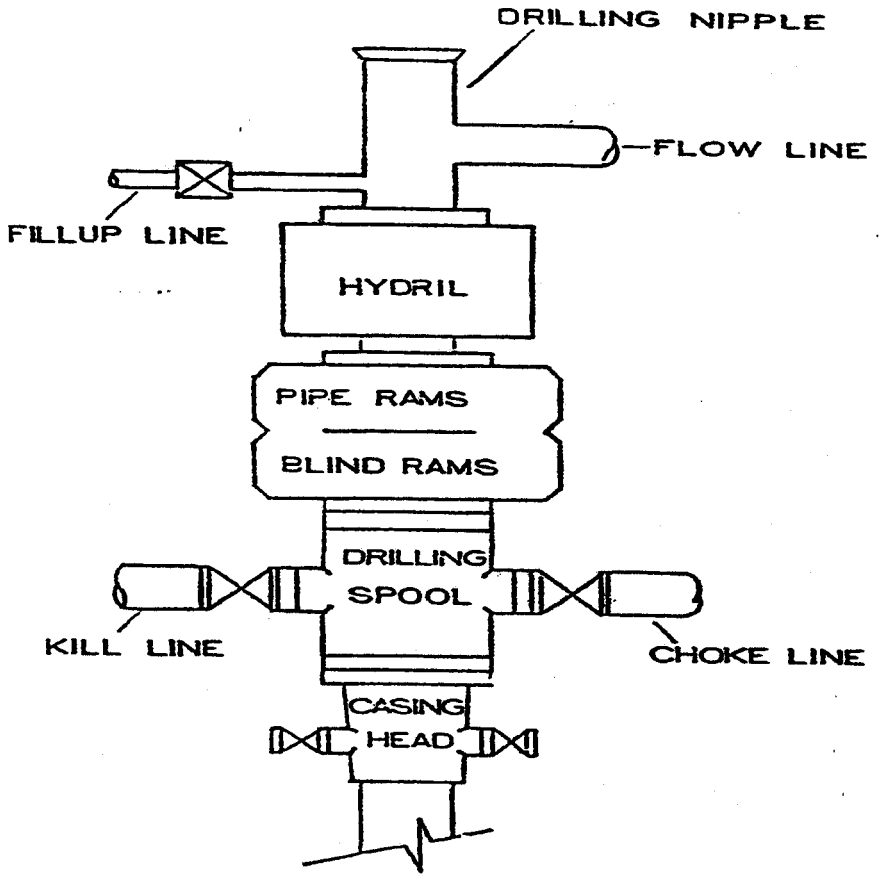


The site security plan is on file in DEPI's district office located at 1400 N. State St., Roosevelt, UTah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

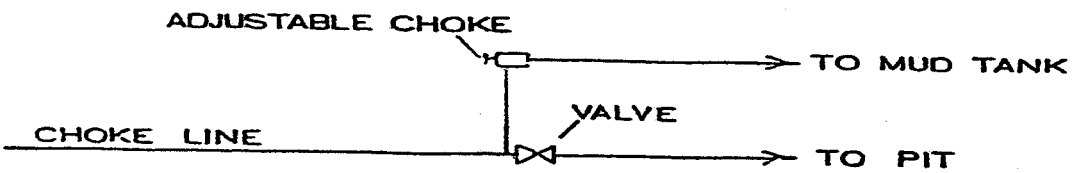
DOMINION EXPLORATION & PRODUCTION, INC.

l:		not to scale
FLOWSEP	TYPICAL FLOW DIAGRAM	date: / /

BOP STACK



CHOKE MANIFOLD



003

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/16/2005

API NO. ASSIGNED: 43-047-36783

WELL NAME: LCU 14-36F
OPERATOR: DOMINION EXPL & PROD (N1095)
CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:
SESW 36 100S 200E
SURFACE: 0548 FSL 1962 FWL
BOTTOM: 0548 FSL 1962 FWL
UINTAH
NATURAL BUTTES (630)

LEASE TYPE: 3 - State
LEASE NUMBER: ML-47391
SURFACE OWNER: 3 - State
PROPOSED FORMATION: MVRD
COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	7/19/05
Geology		
Surface		

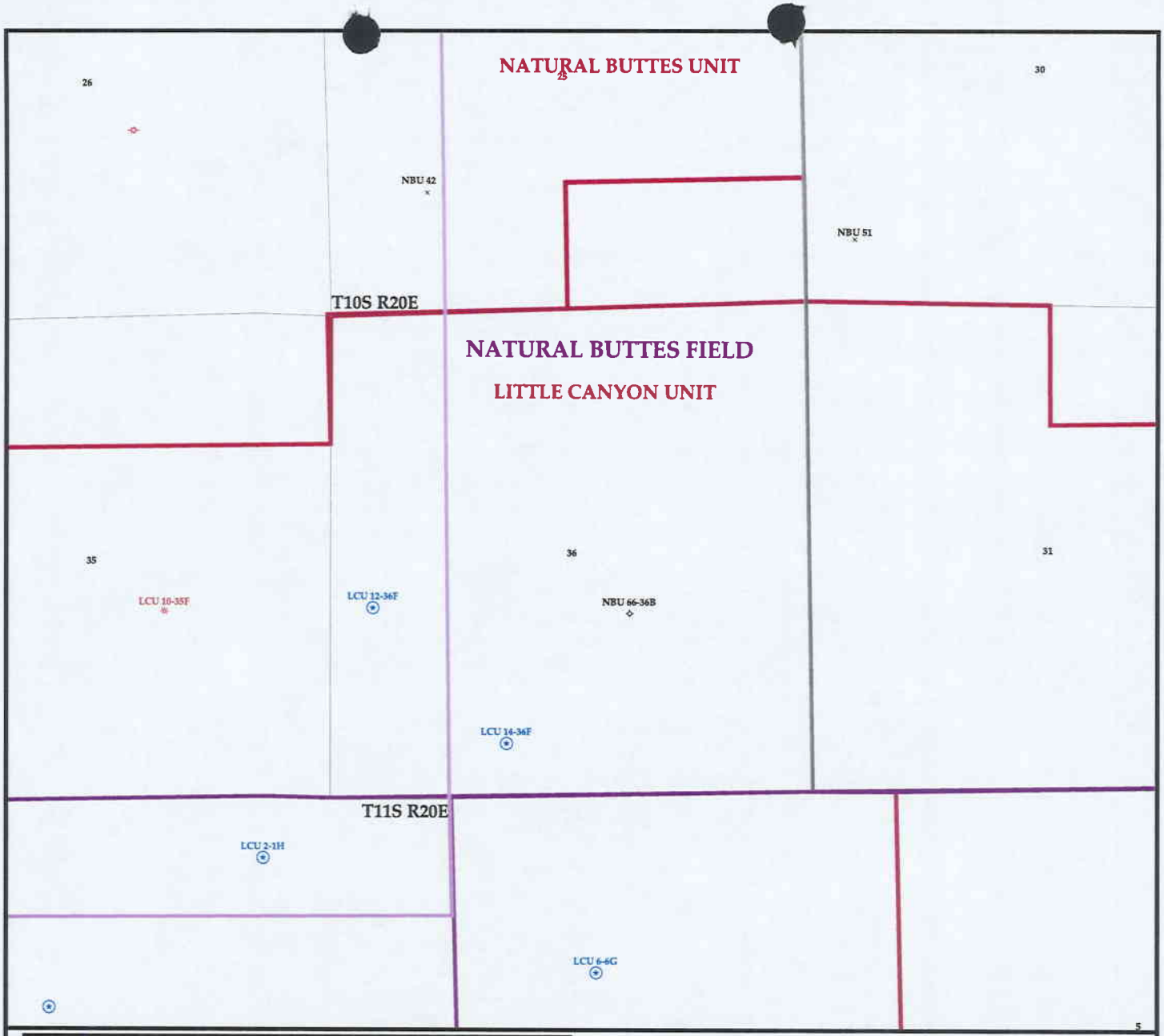
LATITUDE: 39.89817
LONGITUDE: -109.6154

RECEIVED AND/OR REVIEWED:
✓ Plat
✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 76S63650600)
N Potash (Y/N)
N Oil Shale 190-5 (B) or 190-3 or 190-13
✓ Water Permit
(No. 43-10447)
N RDCC Review (Y/N)
(Date:)
NA Fee Surf Agreement (Y/N)

LOCATION AND SITING:
___ R649-2-3.
Unit LITTLE CANYON
✓ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
___ Drilling Unit
Board Cause No:
Eff Date:
Siting:
___ R649-3-11. Directional Drill

COMMENTS: Needs Presite (7-13-05)

STIPULATIONS: 1- Spacing Slip
2- STATEMENT OF BASIS
3- The 5½" prod. string shall be cemented back to ± 3500' to isolate Wasatch Fm.



OPERATOR: DOMION EXPL & PROD (N1095)

SEC: 36 T. 10S R. 20E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

Wells

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

Units.shp

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields.shp

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Utah Oil Gas and Mining

N
W E
S

PREPARED BY: DIANA WHITNEY
DATE: 17-JUNE-2005

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

June 17, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Little Canyon Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Little Canyon Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ MesaVerde)		
43-047-36779	LCU 5-2H	Sec 2 T11S R20E 2555 FSL 1321 FWL
	BHL	Sec 2 T11S R20E 2000 FNL 0750 FWL
43-047-36780	LCU 11-2H	Sec 2 T11S R20E 2540 FSL 1341 FWL
	BHL	Sec 2 T11S R20E 2000 FSL 2000 FWL
43-047-36783	LCU 14-36F	Sec 36 T10S R20E 0548 FSL 1962 FWL

This office has no objections to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Little Canyon Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:6-17-05

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: DOMINION EXPLORATION & PRODUCTION, INC.
WELL NAME & NUMBER: LCU #14-36F
API NUMBER: 43-047-36783
LEASE: ML-47391 **FIELD/UNIT:** LITTLE CANYON
LOCATION: 1/4,1/4 SE/SW **Sec:** 36 **TWP:** 10S **RNG:** 20E 1962' FWL 548' FSL
LEGAL WELL SITING: 460 F **SEC. LINE;** 460 F **1/4,1/4 LINE;** 920 F **ANOTHER WELL.**
GPS COORD (UTM): 618371 X; 4417163 Y **SURFACE OWNER:** STATE OF UTAH

PARTICIPANTS

DAVID W. HACKFORD (DOGM), FLOYD BARTLETT (DOGM), KEN SECREST (DOMINION), BRANDON BOWTHOURP(U.E.L.S.), JESSY MERKLEY (U.E.L.S.), BRENT JACKSON DIRT CONTRACTOR, DON HAMILTON (BUYS), GRIZ OLEEN (BUYS).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS IN AN AREA OF LOW, ROLLING RIDGES WITH MODERATE SIDES AND SHALLOW DRAWS. SOME RIMROCK OUTCROPS OCCUR ALONG STEEPER DRAWS. THESE DRAWS DRAIN INTO WILLOW CREEK APPROX. 3 MILES TO THE NORTHWEST. VEGETATION IS A DESERT SHRUB TYPE WITH AN ANNUAL PRECIPITATION OF APPROX. 10 INCHES; MOSTLY OCCURRING DURING THE WINTER PERIOD. SUMMER PRECIPITATION IS INFREQUENT HOWEVER SEVERE THUNDERSTORMS MAY OCCUR. OURAY, UTAH IS 16.5 MILES TO THE NORTH.

SURFACE USE PLAN

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 355' BY 270' WHICH DOES NOT INCLUDE STOCKPILES FOR TOPSOIL AND RESERVEPIT BACKFILL. ACCESS ROAD WILL BE 1.2 MILES, WHICH ALSO SERVES AS ACCESS TO PROPOSED LOCATION #12-35.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. PIPELINE WILL FOLLOW ACCESS ROAD.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): UNLIKELY. OTHER WELLS FREQUENTLY OCCUR IN THE AREA. MOST OF THE USE IS OIL FIELD RELATED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: HORSEBRUSH, SHADSCALE, PRICKLEY PEAR, CHEATGRASS, GREASEWOOD RABBITBRUSH, CURLY MESQUITE GUTERIZIA, GLOBE MALLOW: PRONGHORN, COYOTES, SONGBIRDS, RAPTORS, RODENTS, RABBITS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY WITH DARK GRAY BROKEN SHALE ROCKS. SOME SANDSTONE BEDROCK OUTCROPS OCCUR.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE AN INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED

RESERVE PIT

CHARACTERISTICS: 140' BY 100' AND EIGHT FEET DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A LINER WILL NOT BE REQUIRED FOR RESERVE PIT. HOWEVER, DOMINION STATED THEIR INTENTIONS TO PAD AND LINE THE RESERVE PIT.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER SITLA.

SURFACE AGREEMENT: AS PER SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: JIM TRUESDALE HAS INSPECTED THE SITE. A COPY OF HIS REPORT WILL BE SUBMITTED TO THE STATE OF UTAH.

OTHER OBSERVATIONS/COMMENTS

THIS PREDRILL INVESTIGATION WAS CONDUCTED ON A CLEAR HOT DAY. TEMPERATURES WERE IN THE 90'S.

ATTACHMENTS

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

FLOYD BARTLETT & DAVID HACKFORD	07/13/2005 10:30 PM
DOGM REPRESENTATIVES	DATE/TIME

Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements

Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	0
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	0
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	0
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	0
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	10
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	15 20	5
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	0
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	0
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	0
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	0

Final Score 15 (Level II sensitivity)

Sensitivity Level I = 20 or more; total containment is required.
Sensitivity Level II = 15-19; lining is discretionary.
Sensitivity Level III = below 15; no specific lining is required.


12. 5. 2005


12. 5. 2005


12. 5. 2005


12. 5. 2005

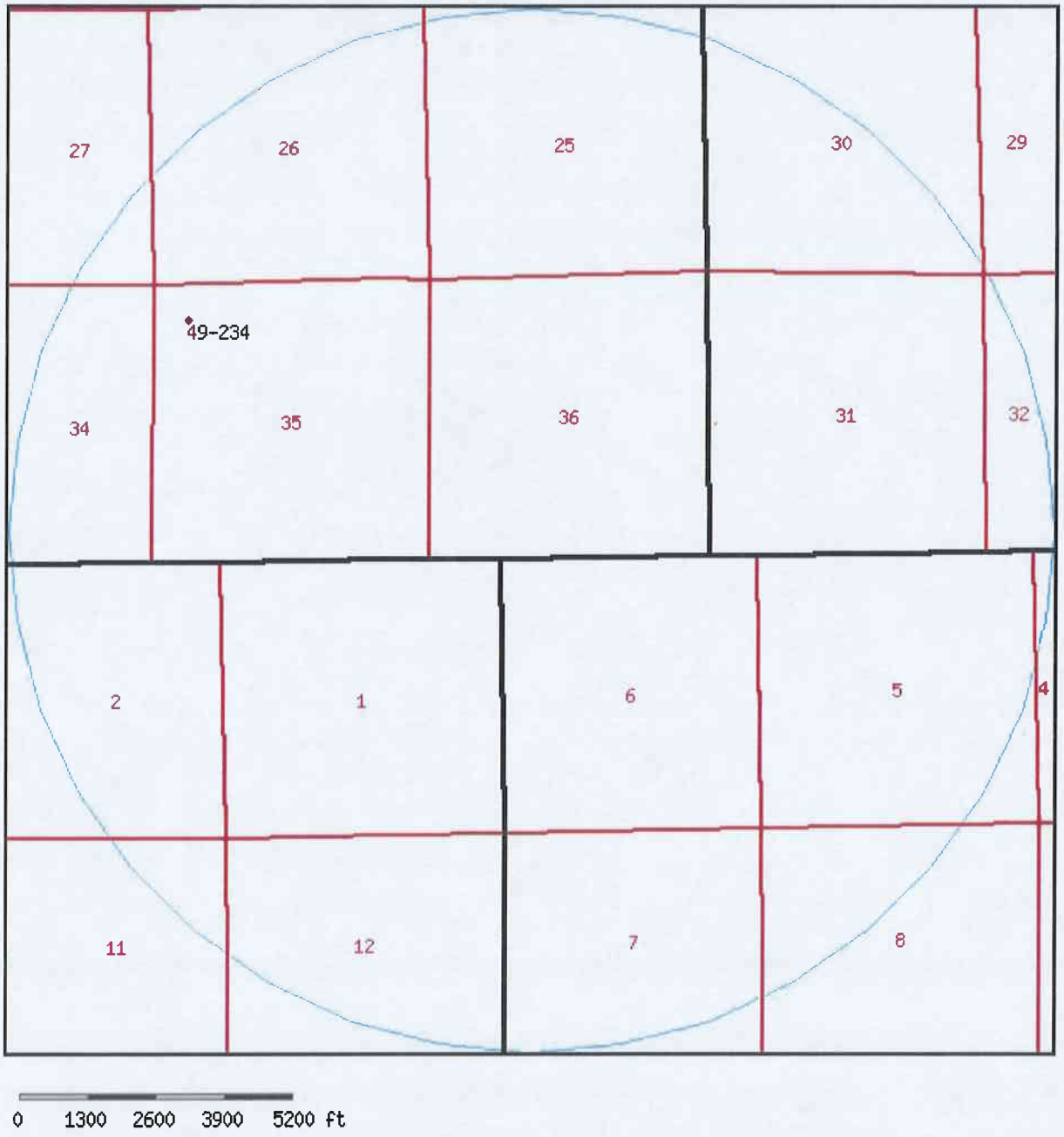
utah.gov Search Utah.gov GO

UTAH DIVISION OF WATER RIGHTS

WRPLAT Program Output Listing

Version: 2004.12.30.00 Rundate: 07/18/2005 04:01 PM

Radius search of 10000 feet from a point N548 E1962 from the SW corner, section 36, Township 10S, Range 20E, SL b&m
Criteria:wrtypes=W,C,E podtypes=U status=U,A,P usetypes=all


27
26
25
30
29
49-234
34
35
36
31
32
2
1
6
5
4
11
12
7
8
0
1300
2600
3900
5200 ft

Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
49-234	Underground S660 E660 NW 35 10S 20E SL		P	19640915	S	0.055	0.000	USA BUREAU OF LAND MANAGEMENT 2370 SOUTH 2300 WEST

Natural Resources | Contact | Disclaimer | Privacy Policy | Accessibility Policy

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

OPERATOR: DOMINION EXPLORATION & PRODUCTION, INC.
WELL NAME & NUMBER: LCU #14-36F
API NUMBER: 43-047-36783
LOCATION: 1/4,1/4 SE/SW **Sec:** 36 **TWP:** 10S **RNG:** 20E 1962' FWL 548' FSL

Geology/Ground Water:

Dominion proposes to set 2,000 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 4,300 feet. A search of Division of Water Rights records shows 1 water well within a 10,000 foot radius of the proposed location. This well is approximately a mile from the proposed location. Use is listed as stock/wildlife watering. The well produces water from a depth of 1,700-2,500 feet deep. It is a converted oil & gas well. The surface formation at this location is he Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The proposed surface casing should adequately protect any near surface aquifers. The production string cement should be brought up above the base of the moderately saline water to prevent it from mixing with fresher waters up hole.

Reviewer: Brad Hill **Date:** 07-18-2005

Surface:

The pre-drill investigation of the surface was performed on 7/13/05. Ed Bonner with SITLA was invited to this investigation on 7/06/05. SITLA did not have a representative present. This site is on State surface with State minerals, and appears to be the best site for a location in the immediate area. The surface will be reclaimed as required by SITLA in their lease agreement with the operator.

Reviewer: Floyd Bartlett & David W. Hackford **Date:** 07/13/2005

Conditions of Approval/Application for Permit to Drill:

None.

From: Ed Bonner
To: Whitney, Diana
Date: 7/18/2005 1:37:58 PM
Subject: Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Houston Exploration Company
- Southman Canyon 1-36-9-23
- Southman Canyon 3-36-9-23
- Southman Canyon 5-36-9-23
- Southman Canyon 7-36-9-23
- Southman Canyon 9-36-9-23
- Southman Canyon 15-36-9-23

Dominion Exploration & Production, Inc
- LCU 5-2H
- LCU 11-2H
- LCU 14-36F

If you have any questions regarding this matter please give me a call.

CC: Garrison, LaVonne; Hill, Brad; Hunt, Gil

Well name:	**07-05 Dominion LCU 14-36F**
Operator:	**Donimion Exploration & Production**
String type:	Surface
Project ID:	43-047-36783
Location:	Uintah County

Design parameters:

Collapse
Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,760 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,000 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 1,750 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 103 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 350 ft

Cement top: 336 ft

Completion type is subs
Non-directional string.

Re subsequent strings:
Next setting depth: 9,050 ft
Next mud weight: 8.600 ppg
Next setting BHP: 4,043 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,000 ft
Injection pressure 2,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	2000	8.625	32.00	J-55	ST&C	2000	2000	7.875	127.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	873	2530	2.899	2000	3930	1.97	56	372	6.64 J

Prepared by: Clinton Dworshak, Utah Div. of Oil & Mining
Phone: 801-538-5280
FAX: 801-359-3940
Date: July 19,2005
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**07-05 Dominion LCU 14-36F**
Operator:	**Donimion Exploration & Production**
String type:	Production
Project ID:	43-047-36783
Location:	Uintah County

Design parameters:

Collapse
Mud weight: 8.600 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 440 psi
Internal gradient: 0.398 psi/ft
Calculated BHP 4,043 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 7,870 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 202 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 4,586 ft

Completion type is subs
Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	9050	5.5	17.00	Mav-80	LT&C	9050	9050	4.767	311.9

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4043	6290	1.556	4043	7740	1.91	134	273	2.04 B

Prepared by: Clinton Dworshak, Utah Div. of Oil & Mining
Phone: 801-538-5280
FAX: 801-359-3940
Date: July 19,2005
Salt Lake City, Utah

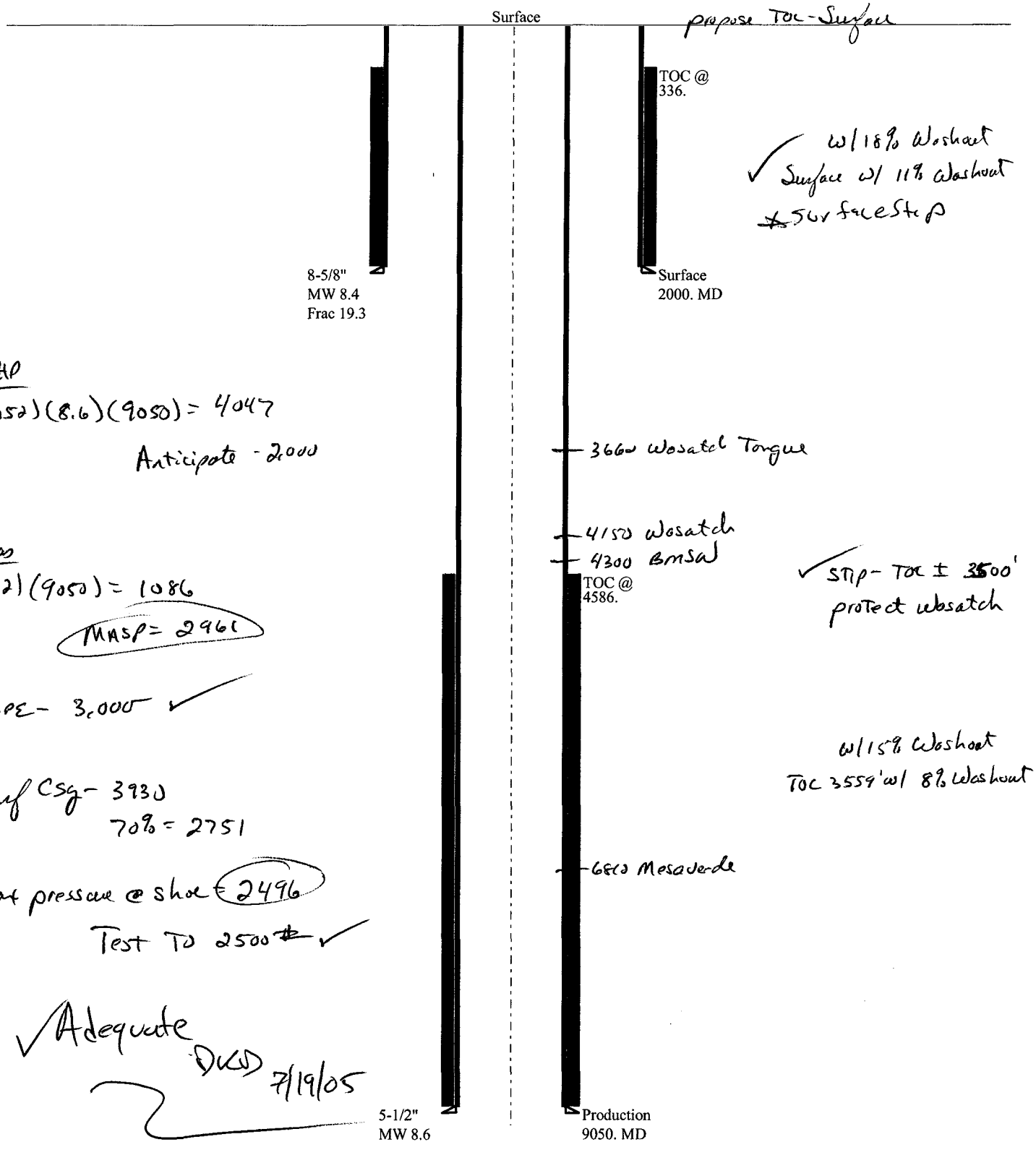
Remarks:
Collapse is based on a vertical depth of 9050 ft, a mud weight of 8.6 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

07-05 Dominion LCU 14-3[illegible]F

Casing Schematic



004

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

July 19, 2005

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134

Re: Little Canyon Unit 14-36F Well, 548' FSL, 1962' FWL, SE SW, Sec. 36, T. 10 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36783.

Sincerely,

Gil Hunt
Acting Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

Operator: Dominion Exploration & Production, Inc.
Well Name & Number Little Canyon Unit 14-36F
API Number: 43-047-36783
Lease: ML-47391

Location: SE SW **Sec.** 36 **T.** 10 South **R.** 20 East

Conditions of Approval

1. **General**
   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. **Notification Requirements**
   The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
   - 24 hours prior to cementing or testing casing
   - 24 hours prior to testing blowout prevention equipment
   - 24 hours prior to spudding the well
   - within 24 hours of any emergency changes made to the approved drilling program
   - prior to commencing operations to plug and abandon the well

   The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):
   - Dan Jarvis at (801) 538-5338
   - Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**
   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

7. The 5 ½" production string shall be brought back to ±3500' to isolate Wasatch Formation.

CONFIDENTIAL FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47391
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: LCU 14-36F
9. API NUMBER: 43-047-36783
10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134 — PHONE NUMBER: (405) 749-1300
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 548' FSL & 1962' FWL — COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 36 10S 20E — STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: APD Extension
_____	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The state APD for this well expires July 19, 2006. Dominion is hereby requesting a one year extension.

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 06-29-06
By: [signature]

COPY SENT TO OPERATOR
Date: 8-2-06
Initials: CHD

NAME (PLEASE PRINT) Carla Christian — TITLE Sr. Regulatory Specialist
SIGNATURE Carla Christian — DATE 6/19/2006

(This space for State use only)

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(5/2000) (See Instructions on Reverse Side)

[redacted]

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-36783
Well Name: LCU 14-36F
Location: Section 36-10S-20E, 548' FSL & 1962' FWL
Company Permit Issued to: Dominion Exploration & Production, Inc.
Date Original Permit Issued: 7/19/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes☐ No☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐ No☑

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes☐ No☑

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes☐ No☑

Has the approved source of water for drilling changed? Yes☐ No☑

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes☐ No☑

Is bonding still in place, which covers this proposed well? Yes☑ No☐

Carla Christian
Signature

6/20/2006
Date

Title: Sr. Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

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JUN 27 2006
DIV. OF OIL, GAS & MINING

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DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **DOMINION EXPL & PROD INC**

Well Name: **LCU 14-36F**

Api No: **43-047-36783** Lease Type: **STATE**

Section **36** Township **10S** Range **20E** County **UINTAH**

Drilling Contractor **BILL JR'S** RIG # **6**

SPUDDED:

Date **09/05/06**

Time **9:30 AM**

How **DRY**

Drilling will Commence:

Reported by **PAT WISENER**

Telephone # **(435) 828-1455**

Date **09/13/06** **Signed** **CHD**

FORM 6

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator: Dominion Exploration & Production, Inc.
Operator Account Number: N 1095
Address: 14000 Quail Springs Parkway, Suite 600
city Oklahoma City
state Ok zip 73134
Phone Number: (405) 749-1300

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-047-36783	LCU 14-36F	SESW	36	10S	20E	Uintah

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date
A	99999	15625	9/5/2006	9/14/06

Comments: MVRD CONFIDENTIAL

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date

Comments:

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date

Comments:

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DIV. OF OIL, GAS & MINING

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Carla Christian
Name (Please Print)
Carla Christian
Signature
Sr. Regulatory Specialist
Title
9/7/2006
Date

(5/2000)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Dominion Exploration & Production, Inc.
Operator Account Number: N 1095
Address: 14000 Quail Springs Parkway, Suite 600
city Oklahoma City
state Ok zip 73134
Phone Number: (405) 749-1300

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-047-36783	LCU 14-36F	SESW	36	10S	20E	Uintah

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date
C	15625	14619		11/1/2005

Comments: MVRD = WSMVD CONFIDENTIAL 10/2/06

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date

Comments:

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date

Comments:

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

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OCT . 2 2006
DIV. OF OIL, GAS & MINING

Carla Christian
Name (Please Print)
Carla Christian
Signature
Sr. Regulatory Specialist
Title
9/28/2006
Date

(5/2000)

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47391

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER _____

8. WELL NAME and NUMBER: LCU 14-36F

CONFIDENTIAL

2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.

9. API NUMBER: 43-047-36783

3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134

PHONE NUMBER: (405) 749-1300

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 548' FSL & 1962' FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 36 10S 20E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: _____	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Drilling Operations
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Spud well 9/5/06. 9/05/06 ran 52 jts. 8 5/8", 32#, J-55, ST&C csg., set @ 2222'. Cemented lead w/250 sks Hi-Fill "V", 11.0 ppg, 3.82 yld., tailed w/200 sks Class "G", 15.8 ppg, 1.15 yld., good returns. Mix & pump thru 200' of 1" 150 sks Class "G" , 15.8 ppg, 1.15 yld, 8 bbls cmt. to pit. 9/28/06 ran 216 jts. 5 1/2", 17#, Mav 80, LT&C csg., set @ 9133'. Cemented lead w/70 sks Prem Plus "V", 11.6 ppg, 3.12 yld, tailed w/762 sks HLC-Type "V", 13.0 ppg, 1.69 yld.

NAME (PLEASE PRINT) Carla Christian TITLE Sr. Regulatory Specialist

SIGNATURE Carla Christian DATE 9/29/2006

(This space for State use only)

RECEIVED
OCT 0 3 2006
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

FACSIMILE COVER PAGE

To :	**Utah Division of Oil, Gas & Mining**	**From :**	g
Sent :	9/20/2006 at 2:25:04 PM	**Pages :**	2 (including Cover)
Subject :	LCU 14-36F T10S R20E S-36	43-047-36783	

CONFIDENTIAL

SEP 2 0 2006

DIV OF OIL, GAS & MINING

Dominion

WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : LCU 14-36F Event No: 1

DISTRICT : WESTERN FIELD : NATURAL BUTTES 630 LOCATION : 548' FSL 1962' FWL SEC 36 T 10S R 20E

COUNTY & STATE : UINTAH UT CONTRACTOR :

WI % : 100.00 AFE # : 0603625 API # : 43-047-36783 PLAN DEPTH :9,050 SPUD DATE : 09/05/06

DHC : $630,560 CWC : $733,255 AFE TOTAL : $1,363,815 FORMATION : WASATCH/MESAVERDE

EVENT DC: $269,248.04 EVENT CC: $0.00 EVENT TC: $269,248.04 WELL TOTL COST: $317,832

REPORT DATE: 09/08/06 MD : 0 TVD : 0 DAYS : MW : VISC :

DAILY : DC : $0.00 CC : $0.00 TC : $0.00 CUM : DC: $0.00 CC : $0.00 TC : $0.00

DAILY DETAILS :

REPORT DATE: 09/09/06 MD : 0 TVD : 0 DAYS : 0 MW : VISC :

DAILY : DC : $27,295.04 CC : $0.00 TC : $27,295.04 CUM : DC: $27,295.04 CC : $0.00 TC : $27,295.04

DAILY DETAILS : CEMENT CSG W/ 250 SKS OF LEAD w/16% GEL, 3% SALT, 3#/SK GR-3, 1/4#/SK FLOCELE, 10#/SK GILSONITE, 11 ppg, 3.82 cuft/sk, 23 gallons water/sk AND 450 SKS OF TAIL w/ 3% CALC CHLORIDE, 1/4#/SK FLOCELE, 15.8 ppg, 1.15 cuft/sk, 5 gal water/sk

---

REPORT DATE: 09/16/06 MD : 0 TVD : 0 DAYS : 1 MW : VISC :

DAILY : DC : $75,848.00 CC : $0.00 TC : $75,848.00 CUM : DC: $103,143.04 CC : $0.00 TC : $103,143.04

DAILY DETAILS : MIRU PATTERSON # 77. SET EQUIPMENT. RELEASE TRUCKS @ 1800 HRS. SET EQUIPMENT & RIG UP.

REPORT DATE: 09/17/06 MD : 500 TVD : 500 DAYS : 2 MW : VISC :

DAILY : DC : $29,750.00 CC : $0.00 TC : $29,750.00 CUM : DC: $132,893.04 CC : $0.00 TC : $132,893.04

DAILY DETAILS : MIRU. SET EQUIPMENT. FUNCTION TEST. HOLD PRE SPUD MEETTING. PRESSURE TEST W/ 250 PSI LOW / 3000 PSI HIGH THE FOLLOWING: KELLY W/ UPPER & LOWER VALVE. FLOOR & DART VALVE. CHOKE MANIFOLD W/ LINES. WAIT ON WHI TO DELIVER THE CORRECT TESTING PLUG. PRESSURE TEST 250/3000 THE RAMS (PIPE & BLIND) THE CSGN & ANNULAR TO 1500 PSI / 250 PSI. ALL TEST CHARTED & GOOD. SET WEAR RING PICK UP PDC REAMER MOTER REAMER 1 D.C. [DROPED 8" BOLT DOWN HOLE] LAY DOWN DRLG. ASS. PICK UP MAGNET AND DRILL STRING {FISHING

REPORT DATE: 09/18/06 MD : 2,130 TVD : 2,130 DAYS : 3 MW : 8.5 VISC : 26

DAILY : DC : $33,320.00 CC : $0.00 TC : $33,320.00 CUM : DC: $166,213.04 CC : $0.00 TC : $166,213.04

DAILY DETAILS : PICK UP STRING AND RUN IN HOLE WITH MAGNET PULL OUT OF HOLE WITH MAGNET NO BOLT RUN IN HOLE WITH MAGNET PULL OUT OF HOLE WITH MAGNET NO BOLT LAY DOWN MAGNET PICK UP ROLLER CONE AND RUN IN HOLE 2050 WASH AND REAM WITH LOW WEIGHT 1000 TO 2130 PULL OUT OF HOLE L/D ROLLER CONE P/U MAGNET RUN IN HOLE WASH DOWN TO TOP OF FISH AND CIRCULATE

REPORT DATE: 09/19/06 MD : 2,452 TVD : 2,452 DAYS : 4 MW : 8.5 VISC : 26

DAILY : DC : $28,270.00 CC : $0.00 TC : $28,270.00 CUM : DC: $194,483.04 CC : $0.00 TC : $194,483.04

DAILY DETAILS : PULL OUT OF HOLE LAY DOWN MAGNET RUN IN HOLE WITH MILL AND JUNK BASKET MILL ON FISH FROM 2130 TO 2230 PULL OUT OF HOLE LAY DOWN MILL & JUNK SUB PICK UP ROLLER CONE RUN IN HOLE WITH BIT #1 DRILLING CEMENT AND SHOE FROM 2230 TO 2239 DRILLING FROM 2239 TO 2325 SURVEY AT 2242=2' FORMATION INTEGRITY TEST DRILLING FROM 2325 TO 2357 RIG SERVICE BOP DRILLPERSONEL TO STATION FUNCTION PIPE RAMS 2MIN 48SEC DRILLING FROM 2357 TO 2452 PULL OUT OF HOLE

REPORT DATE: 09/20/06 MD : 4,000 TVD : 4,000 DAYS : 5 MW : 8.5 VISC : 26

DAILY : DC : $74,765.00 CC : $0.00 TC : $74,765.00 CUM : DC: $269,248.04 CC : $0.00 TC : $269,248.04

DAILY DETAILS : PULL OUT OF HOLE WITH ROLLER CONE BIT #1 RUN IN HOLE WITH BIT #2 DRILLING FROM 2485 TO 2869 SURVEY AT 2786=2' DRILLING FROM 2869 TO 2933 RIG SERVICE, BOP DRILL PERSONEL TO STATIONS FUNCTION PIPE RAMS 2MIN 34SEC DRILLING FROM 2933 TO 4000

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DIV. OF OIL, GAS & MINING

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To :	**Utah Division of Oil, Gas & Mining**	**From :**	g
Sent :	9/27/2006 at 4:55:22 PM	**Pages :**	3 (including Cover)
Subject :	LCU 14-36F T10S R20E S-36 43-047-36983		

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DIV. OF OIL, GAS & MINING

Dominion

WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : LCU 14-36F Event No: 1

DISTRICT : WESTERN FIELD : NATURAL BUTTES 630 LOCATION : 548' FSL 1962' FWL SEC 36 T 10S R 20E

COUNTY & STATE : UINTAH UT CONTRACTOR :

WI % : 100.00 AFE # : 0603625 API # : 43-047-36783 PLAN DEPTH : 9,050 SPUD DATE : 09/05/06

DHC : $630,560 CWC : $733,255 AFE TOTAL : $1,363,815 FORMATION : WASATCH/MESAVERDE

EVENT DC: $691,619.04 EVENT CC: $0.00 EVENT TC: $691,619.04 WELL TOTL COST: $740,203

REPORT DATE: 09/20/06 MD : 4,000 TVD : 4,000 DAYS : 5 MW : 8.5 VISC : 26

DAILY : DC : $74,765.00 CC : $0.00 TC : $74,765.00 CUM : DC: $437,588.04 CC : $0.00 TC : $437,588.04

DAILY DETAILS : PULL OUT OF HOLE WITH ROLLER CONE BIT #1 RUN IN HOLE WITH BIT #2 DRILLING FROM 2485 TO 2869 SURVEY AT 2786=2' DRILLING FROM 2869 TO 2933 RIG SERVICE, BOP DRILL PERSONEL TO STATIONS FUNCTION PIPE RAMS 2MIN 34SEC DRILLING FROM 2933 TO 4000

REPORT DATE: 09/21/06 MD : 5,805 TVD : 5,805 DAYS : 6 MW : 8.6 VISC : 26

DAILY : DC : $34,980.00 CC : $0.00 TC : $34,980.00 CUM : DC: $472,568.04 CC : $0.00 TC : $472,568.04

DAILY DETAILS : DRILLING FROM 4000 TO 4048 SURVEY AT 3664=2 1/4' DRILLING FROM 4048 TO 4620 RIG SERVICE, B.O.P. DRILL PERSONEL TO STATIONS FUNCTION PIPE RAMS 3MIN 40SEC DRILLING FROM 4620 TO 5069 SURVEY AT 4985=2 1/2' DRILLING FROM 5069 TO 5805

REPORT DATE: 09/22/06 MD : 6,900 TVD : 6,900 DAYS : 7 MW : 8.6 VISC : 26

DAILY : DC : $46,133.00 CC : $0.00 TC : $46,133.00 CUM : DC: $518,701.04 CC : $0.00 TC : $518,701.04

DAILY DETAILS : DRILLING FROM 5805 TO 6062 SURVEY AT 5979=3' DRILLING FROM 6062 TO 6350 RIG SERVICE, B.O.P. DRILL PERSONEL TO STATIONS FUNCTION PIPE RAMS 4MIN DRILLING FROM 6350 TO 6900

REPORT DATE: 09/23/06 MD : 7,880 TVD : 7,880 DAYS : 8 MW : 8.6 VISC : 26

DAILY : DC : $29,935.00 CC : $0.00 TC : $29,935.00 CUM : DC: $548,636.04 CC : $0.00 TC : $548,636.04

DAILY DETAILS : DRILLING FROM 6900 TO 7307 RIG SERVICE, B.O.P. DRILL PERSONEL TO STATIONS 3MIN 21SEC DRILLING FROM 7307 TO 7880

REPORT DATE: 09/24/06 MD : 8,620 TVD : 8,620 DAYS : 9 MW : 9.1 VISC : 34

DAILY : DC : $34,810.00 CC : $0.00 TC : $34,810.00 CUM : DC: $583,446.04 CC : $0.00 TC : $583,446.04

DAILY DETAILS : DRILLING FROM 7880 TO 8294 RIG SERVICE & B.O.P. DRILL PERSONEL TO STATIONS FUNCTION ANNULAR 4 MIN. DRILLING FROM 8294 TO 8357 DOWN WORKING ON BOTH PUMPS DRILLING FROM 8357 TO 8620

REPORT DATE: 09/25/06 MD : 8,901 TVD : 8,901 DAYS : 10 MW : 9.2 VISC : 36

DAILY : DC : $52,958.00 CC : $0.00 TC : $52,958.00 CUM : DC: $636,404.04 CC : $0.00 TC : $636,404.04

DAILY DETAILS : DRILLING FROM 8294 TO 8676 CIRCULATE BOTTOMS UP AND PUMP DRY PIPE SLUG PULL OUT OF HOLE LAY DOWN BIT #2.BOP DRILL PERSONEL TO STATIONS F. BLINDS 2MIN 58SEC PICK UP BIT # 3 RUN IN HOLE DRILLING 8676 TO 8901

REPORT DATE: 09/26/06 MD : 8,960 TVD : 8,960 DAYS : 11 MW : 9.2 VISC : 32

DAILY : DC : $27,675.00 CC : $0.00 TC : $27,675.00 CUM : DC: $664,079.04 CC : $0.00 TC : $664,079.04

DAILY DETAILS : DRILLING FROM 8901 TO 8948 CIRCULATE BOTTOMS UP & PUMP DRY PIPE SLUG PULL OUT OF HOLE LAY DOWN BIT # 3 PICK UP BIT # 4 AND RUN IN HOLE WASH AND REAM FROM 8948 TO 8960 DRILLING FROM 8948 TO 8960

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Dominion

WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : LCU 14-36F Event No: 1

DISTRICT : WESTERN FIELD : NATURAL BUTTES 630 LOCATION : 548' FSL 1962' FWL SEC 36 T 10S R 20E

COUNTY & STATE : UINTAH UT CONTRACTOR :

WI % : 100.00 AFE # : 0603625 API # : 43-047-36783 PLAN DEPTH : 9,050 SPUD DATE : 09/05/06

DHC : $630,560 CWC : $733,255 AFE TOTAL : $1,363,815 FORMATION : WASATCH/MESAVERDE

EVENT DC: $691,619.04 EVENT CC: $0.00 EVENT TC: $691,619.04 WELL TOTL COST: $740,203

REPORT DATE: 09/27/06 MD : 9,150 TVD : 9,150 DAYS : 12 MW : 9.2 VISC : 36

DAILY : DC : $27,540.00 CC : $0.00 TC : $27,540.00 CUM : DC: $691,619.04 CC : $0.00 TC : $691,619.04

DAILY DETAILS : DRILLING FROM 8960 TO 9050 **TOTAL DEPTH** CIRCULATE BOTTOMS UP SAMPLES DRILLING FROM 9050 TO 9150 **TOTAL DEPTH** CIRCULATE BOTTOMS UP SAMPLES AND PUMP DRY PIPE SLUG PULL OUT OF HOLE, RIG UP SCHUMLUMBERGER RUN TRIPPLE COMBO LOG WITH SCHUMLUMBERGER RIG DOWN SCHUMLUMBERGER P/U DRILL PIPE AND PULL WEAR RIG

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Subject :	LCU 14-36F T10S R20E S-36 43-047-36783		

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WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : LCU 14-36F Event No: 1

DISTRICT : WESTERN FIELD : NATURAL BUTTES 630 LOCATION : 548' FSL 1962' FWL SEC 36 T 10S R 20E

COUNTY & STATE : UINTAH UT CONTRACTOR :

WI % : 100.00 AFE # : 0603625 API # : 43-047-36783 PLAN DEPTH : 9,050 SPUD DATE : 09/05/06

DHC : $630,560 CWC : $733,255 AFE TOTAL : $1,363,815 FORMATION : WASATCH/MESAVERDE

EVENT DC: $947,925.04 EVENT CC: $15,422.00 EVENT TC: $963,347.04 WELL TOTL COST: $1,011,931

REPORT DATE: 09/27/06 MD : 9,150 TVD : 9,150 DAYS : 12 MW : 9.2 VISC : 36

DAILY : DC : $27,540.00 CC : $0.00 TC : $27,540.00 CUM : DC: $691,619.04 CC : $0.00 TC : $691,619.04

DAILY DETAILS : DRILLING FROM 8960 TO 9050 **TOTAL DEPTH** CIRCULATE BOTTOMS UP SAMPLES DRILLING FROM 9050 TO 9150 **TOTAL DEPTH** CIRCULATE BOTTOMS UP SAMPLES AND PUMP DRY PIPE SLUG PULL OUT OF HOLE, RIG UP SCHUMLUMBERGER RUN TRIPPLE COMBO LOG WITH SCHUMLUMBERGER RIG DOWN SCHUMLUMBERGER P/U DRILL PIPE AND PULL WEAR RIG

REPORT DATE: 09/28/06 MD : 9,150 TVD : 9,150 DAYS : 13 MW : 9.2 VISC : 35

DAILY : DC : $61,246.00 CC : $0.00 TC : $61,246.00 CUM : DC: $752,865.04 CC : $0.00 TC : $752,865.04

DAILY DETAILS : PULL WEAR RING RUN IN HOLE TO SHOE CUT AND SLIP 130' DRILLING LINE RUN IN HOLE TO 5800 BREAK CIRCULATION RUN IN HOLE TO 9083 WASH AND REAM FROM 9083 TO 9150 CIRCULATE BOTTOMS UP RIG UP WEATHERFORD LAYDOWN MACHINE HOLD SAFETY MEETING LAY DOWN DRILL STRING RIG UP WEATHERFORD CASERS HOLD SAFETY MEETING RUN CASING

REPORT DATE: 09/29/06 MD : 9,150 TVD : 9,150 DAYS : 14 MW : 9.3 VISC : 37

DAILY : DC : $195,060.00 CC : $0.00 TC : $195,060.00 CUM : DC: $947,925.04 CC : $0.00 TC : $947,925.04

DAILY DETAILS : RUN 216 JOINTS OF 5 1/2" MAV-80 #17 PRO CSG SET AT 9133 CIRCULATE GAS OUT, RIG DOWN WEATHERFORD, [WAIT ON HALCO TO REPAIR PUMP MOTER 1 1/2 HOUR] RIG UP HALLIBURTON HOLD SAFETY MEETING PUMP 70SX LEAD 762 SX TAIL CEMENT REPAIR COMPLETE NIPPLE DOWN CLEAN MUD TANKS ***RIG RELEASED AT 19:00 HOURS*** RIG DOWN PREPARE FOR TRUCKS

REPORT DATE: 10/01/06 MD : 9,150 TVD : 9,150 DAYS : 15 MW : 9.3 VISC : 37

DAILY : DC : $0.00 CC : $15,422.00 TC : $15,422.00 CUM : DC: $947,925.04 CC : $15,422.00 TC : $963,347.04

DAILY DETAILS : MIRU SCHLUMBER WIRE LINE AND ACTION HOT OIL SERVICE. RUN CMT BOND LOG UNDER 1500# PRESSURE FROM W.L. PBTD @ 9090' KB TO 2100' KB, FOUND CMT TOP @ 2300' KB. POOH W/ WIRE LINE, AND PRESSURE TESTED CSG TO 5000 PSI, HELD GOOD. RIH AND PERFORATED STAGE #1, SHUT WELL IN, RDMO WIRE LINE AND HOT OILIER. WAIT ON FRAC DATE.

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WELL CHRONOLOGY REPORT

WELL NAME : LCU 14-36F Event No: 1

DISTRICT : WESTERN FIELD : NATURAL BUTTES 630 LOCATION : 548' FSL 1962' FWL SEC 36 T 10S R 20E

COUNTY & STATE : UINTAH UT CONTRACTOR :

WI % : 100.00 AFE # : 0603625 API # : 43-047-36783 PLAN DEPTH : 9,050 SPUD DATE : 09/05/06

DHC : $630,560 CWC : $733,255 AFE TOTAL : $1,363,815 FORMATION : WASATCH/MESAVERDE

EVENT DC: $947,925.04 EVENT CC: $352,410.00 EVENT TC: $1,300,335.04 WELL TOTL COST: $1,348,919

REPORT DATE: 10/05/06 MD : 9,150 TVD : 9,150 DAYS : 16 MW : 9.3 VISC : 37

DAILY : DC : $0.00 CC : $39,600.00 TC : $39,600.00 CUM : DC: $947,925.04 CC : $55,022.00 TC : $1,002,947.04

DAILY DETAILS : 10-4-06 LCU 14-36F. MIRU SCHLUMBERGER frac equipment, tested lines to 7000 psi. Held safety meeting with all personnel. Quality control on gel & breaker systems with on-site lab was verified. Frac'd Mesa Verde Interval # 1, 8938-42', 8976-78', 9031-37', 4 spf, 51 holes, with 60,586# 20/40 PR6000 sand. Pumped frac at an average rate of 37.6 bpm, using 346.9 mscf of N2 and 711 bbls of fluid. Average surface treating pressure was 4753 psi with sand concentrations stair stepping from 1.0 ppg to 4.0 ppg.

4889 gallons Pad YF120ST/N2 gel.

2827 gallons YF120ST/N2 pumped @ 1.0 ppg sand concentration.

3523 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

4221 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

5729 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

8674 gallons WF110 slick water flush.

Total frac fluid pumped 711 bbls. N2 was cut during flush. Ru wire line, RIH and set 8K frac plug @ 8910'. RIH and perforate interval #2 @ 8582-84', 8586-93', 8712-18', 8785-90', 8840-44', 2 spf, 53 holes. Lost the computer in the PCM, wait on replacement. Unable to repair PCM, shut well in prep to finish frac in the morning.

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Dominion

WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : LCU 14-36F Event No: 1

DISTRICT : WESTERN FIELD : NATURAL BUTTES 630 LOCATION : 548' FSL 1962' FWL SEC 36 T 10S R 20E

COUNTY & STATE : UINTAH UT CONTRACTOR :

WI % : 100.00 AFE # : 0603625 API # : 43-047-36783 PLAN DEPTH : 9,050 SPUD DATE : 09/05/06

DHC : $630,560 CWC : $733,255 AFE TOTAL : $1,363,815 FORMATION : WASATCH/MESAVERDE

EVENT DC: $947,925.04 EVENT CC: $352,410.00 EVENT TC: $1,300,335.04 WELL TOTL COST: $1,348,919

REPORT DATE: 10/06/06 MD : 9,150 TVD : 9,150 DAYS : 17 MW : 9.3 VISC : 37

DAILY : DC : $0.00 CC : $3,100.00 TC : $3,100.00 CUM : DC: $947,925.04 CC : $58,122.00 TC : $1,006,047.04

DAILY DETAILS : W/ SCHLUMBERGER ALREADY RIGGED UP, Fraced interval #2 w/ 75,138# 20/40 PR6000 sand. Pumped frac at an avg rate of 41.7 bpm, using 436.5 mscf of N2 and 1085 bbls (pumped on interval #1 while working on the PCM to prevent cross flow) of fluid. Avg surface treating pressure was 4869 psi w/ sand concentrations stair stepping from 1.0 ppg to 4.0 ppg.
6286 gallons Pad YF120ST/N2 gel.
4230 gallons YF120ST/N2 pumped @ 1.0 ppg sand concentration.
4926 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.
6326 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.
5522 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.
8318 gallons WF110 slick water flush.
Total frac fluid pumped 1085 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 7980', perforate interval # 3 @ 7722-32', 7740-46', 7801-03', 7818-22', 7824-28', 7856-68', 7880-82', 2 spf, 87 holes. Fraced interval #3 w/ 100,848# 20/40 Ottawa sand. Pumped frac at an avg rate of 42 bpm, using 356.7 mscf of N2 and 812 bbls of fluid. Avg surface treating pressure was 3968 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.
6291 gallons Pad YF120ST/N2 gel.
2855 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.
2824 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

3524 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.
4220 gallons YF120ST/N2 pumped @ 5.0 ppg sand concentration.

4293 gallons YF120ST/N2 pumped @ 6.0 ppg sand concentration.
7504 gallons WF110 slick water flush.
Total frac fluid pumped 812 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 7650', perforate interval # 4 @ 7528-31', 7535-43', 7562-68', 7573-77', 3 spf, 67 holes. Fraced interval #4 w/ 65,546# 20/40 Ottawa sand. Pumped frac at an avg rate of 32.5 bpm, using 210.4 mscf of N2 and 570 bbls of fluid. Avg surface treating pressure was 3785 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.
3489 gallons Pad YF120ST/N2 gel.
2145 gallons pumped YF120ST/N2 @ 2.0 ppg sand concentration.
2117 gallons pumped YF120ST/N2 @ 3.0 ppg sand concentration.
2118 gallons pumped YF120ST/N2 @ 4.0 ppg sand concentration.
2816 gallons pumped YF120ST/N2 @ 5.0 ppg sand concentration.
2593 gallons pumped YF120ST/N2 @ 6.0 ppg sand concentration.
7309 gallons WF110 slick water flush.
Total frac fluid pumped 570 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 7350', perforate interval # 5 @ 7205-25', 3 spf, 61 holes. Fraced interval #5 w/ 61,442# 20/40 Ottawa sand (Screened out w/ 4,746#'s of sand in the well bore, and 61,442#'s in formation). Pumped frac at an avg rate of 33.3 bpm, using 180.5 mscf of N2 and 486 bbls of fluid. Avg surface treating pressure was 6458 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.
2796 gallons Pad YF115ST/N2 gel.
2143 gallons YF115ST/N2 pumped @ 2.0 ppg sand concentration.
2837 gallons YF115ST/N2 pumped @ 4.0 ppg sand concentration.

2815 gallons YF115ST/N2 pumped @ 5.0 ppg sand concentration.
2771 gallons YF115ST/N2 pumped @ 6.0 ppg sand concentration.
5724 gallons WF110 slick water flush.
Total frac fluid pumped 486 bbls. N2 was cut during flush. RIH perforate interval # 6 @ 6457-76', 3 spf, 58 holes. Well cross flowed covering interval #6. Attempt to flow sand off of interval w/ no luck. Opened well to the pit on a 24/64 choke overnight.

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Dominion

WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : LCU 14-36F Event No: 1

DISTRICT : WESTERN FIELD : NATURAL BUTTES 630 LOCATION : 548' FSL 1962' FWL SEC 36 T 10S R 20E

COUNTY & STATE : UINTAH UT CONTRACTOR :

WI % : 100.00 AFE # : 0603625 API # : 43-047-36783 PLAN DEPTH : 9,050 SPUD DATE : 09/05/06

DHC : $630,560 CWC : $733,255 AFE TOTAL : $1,363,815 FORMATION : WASATCH/MESAVERDE

EVENT DC: $947,925.04 EVENT CC: $352,410.00 EVENT TC: $1,300,335.04 WELL TOTL COST: $1,348,919

REPORT DATE: 10/07/06 MD : 9,150 TVD : 9,150 DAYS : 18 MW : 9.3 VISC : 37

DAILY : DC : $0.00 CC : $294,288.00 TC : $294,288.00 CUM : DC: $947,925.04 CC : $352,410.00 TC : $1,300,335.04

DAILY DETAILS : FCP 1300# ON A 24/64 CHOKE, RECOVERED 1122 BBLS OF FLUID. RIH and set 5K frac plug @ 6600'. Fraced interval #6 w/ 32,263# 20/40 Ottawa sand. Pumped frac at an avg rate of 28.1 bpm, using 175.9 mscf of N2 and 392 bbls of fluid. Avg surface treating pressure was 3533 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.
2796 gallons Pad YF115ST/N2 gel.
2141 gallons YF115ST/N2 pumped @ 2.0 ppg sand concentration.
2114 gallons YF115ST/N2 pumped @ 3.0 ppg sand concentration.

2121 gallons YF115ST/N2 pumped @ 4.0 ppg sand concentration.
0983 gallons YF115ST/N2 pumped @ 6.0 ppg sand concentration.

4356 gallons WF110/N2 slick water flush.
Total frac fluid pumped 384 bbls. N2 was not cut during flush. Opened well to the pit on a 12/64 choke. Turned well over to production.

TOTAL FLUID LEFT TO RECOVER 2896 BBLS.

REPORT DATE: 10/08/06 MD : 9,150 TVD : 9,150 DAYS : 19 MW : VISC :

DAILY : DC : $0.00 CC : $0.00 TC : $0.00 CUM : DC: $947,925.04 CC : $352,410.00 TC : $1,300,335.04

DAILY DETAILS : WELL FLOWING TO PIT ON 18/64 CHOKE, HAD 1946 FCP, RECOVERED 770 BBLS FLUID, SI RU FLOWLINE, TURN TO SALES @ 10:30 AM ON 14/64 CHOKE

REPORT DATE: 10/09/06 MD : 9,150 TVD : 9,150 DAYS : 20 MW : VISC :

DAILY : DC : $0.00 CC : $0.00 TC : $0.00 CUM : DC: $947,925.04 CC : $352,410.00 TC : $1,300,335.04

DAILY DETAILS : FLOW REPORT MADE 583 MCF, FCP 2074, SLP 157, 0 OIL, 94 WTR. 14/64 CHOKE OPENED CHOKE TO 18/64.

REPORT DATE: 10/10/06 MD : 9,150 TVD : 9,150 DAYS : 21 MW : VISC :

DAILY : DC : $0.00 CC : $0.00 TC : $0.00 CUM : DC: $947,925.04 CC : $352,410.00 TC : $1,300,335.04

DAILY DETAILS : FLOW REPORT MADE 2006 MCF FCP 1987, SLP 138, 18 OIL 104 WTR. 18/64 CHOKE LEFT WELL SAME.

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FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47391

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: LCU 14-36F

2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.

9. API NUMBER: 43-047-36783

3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134

PHONE NUMBER: (405) 749-1300

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 548' FSL & 1962' FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 36 10S 20E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: _____	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Drilling Operations
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

10/4/06 Perf'd & frac'd well. First sales 10/8/06.

NAME (PLEASE PRINT) Carla Christian TITLE Sr. Regulatory Specialist

SIGNATURE Carla Christian DATE 10/12/2006

(This space for State use only)

RECEIVED
OCT 16 2006
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

AMENDED REPORT ☐ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47391

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME: Little Canyon Unit

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

8. WELL NAME and NUMBER: LCU 14-36F

2. NAME OF OPERATOR: Dominion Exploration & Production, Inc., 14000 Quail Springs Parkway,

9. API NUMBER: 43-047-36783

3. ADDRESS OF OPERATOR: Suite 600 CITY Oklahoma City STATE OK ZIP 73170

PHONE NUMBER: (405) 749-1300

10 FIELD AND POOL, OR WILDCAT: Natural Buttes

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 548' FSL & 1962' FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH:

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DIV. OF OIL, GAS & MINING

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 36 10S 20E

12. COUNTY: Uintah

13. STATE: UTAH

14. DATE SPUDDED: 9/5/2006

15. DATE T.D. REACHED: 9/26/2006

16. DATE COMPLETED: 10/8/2006 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 5342' GL

18. TOTAL DEPTH: MD 9,150 TVD

19. PLUG BACK T.D.: MD 9,090 TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Platform Express Lithodensity/Compensated Neutron, High Resolution Laterolog Array, Cmt Bond Log

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☑ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12 1/4"	8 5/8"	J-55 32#	Surface	2,222		600 Sx		Surface	
7 7/8"	5 1/2' M-80	17#	Surface	9,133		832 Sx		TOC 2,300	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A)				
(B) See Attachment				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
	See Attachment

29. ENCLOSED ATTACHMENTS:
☑ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: Producing

(5/2000)

(CONTINUED ON BACK)

31. INITIAL PRODUCTION — **INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
10/8/2006	12/19/2006	24		3	2,025	42	Flowing

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
23/64		947			1;675,000		3	2,025	42	Producing

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
Wasatch Tongue	3,697
Uteland Limestone	4,022
Wasatch	4,160
Chapita Wells	5,116
Uteland Buttes	6,191
Mesaverde	6,798

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Carla Christian TITLE Sr. Regulatory Specialist

SIGNATURE Carla Christian DATE 1/4/2007

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

LCU 14-36F Perforations & Frac's

Interval #1	Mesaverde	8938 – 42	
		8976 – 78	
		9031 - 37	51 holes

Frac w/60,586# 20/40 PR6000 sd., w/346.9 mscf of N2 and 711 bbls of YF12OST.

Interval #2	Mesaverde	8582 – 84	
		8586 – 93	
		8712 – 18	
		8785 – 90	
		8840 - 44	53 holes

Frac w/75,138# 20/40 PR6000 sd., w/436.5 mscf of N2 and 1085 bbls of YF120ST

Interval #3	Mesaverde	7722 – 32	
		7740 – 46	
		7801 – 03	
		7818 – 22	
		7824 – 28	
		7856 – 68	
		7880 - 82	87 holes

Frac w/100,848# 20/40 Ottawa sd., w/356.7 mscf of N2 and 812 bbls of YF120ST

Interval #4	Mesaverde	7528 – 31	
		7535 – 43	
		7562 – 68	
		7573 - 77	67 holes

Frac w/65,546# 20/40 Ottawa sd., w/210.4 mscf of N2 and 570 bbls of YF120ST

Interval #5	Mesaverde	7205 – 25	61 holes

Frac w/61,442# 20/40 Ottawa sd., w/180.5 mscf of N2 and 486 bbls of YF115ST

Interval #5	Wasatch	6457 – 76	58 holes

Frac w/32,263# 20/40 Ottawa sd., w/175.9 mscf of N2 and 392 bbls of YF115ST

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **7/1/2007**

FROM: (Old Operator):	**TO:** (New Operator):
N1095-Dominion Exploration & Production, Inc	N2615-XTO Energy Inc
14000 Quail Springs Parkway, Suite 600	810 Houston St
Oklahoma City, OK 73134	Fort Worth, TX 76102
Phone: 1 (405) 749-1300	Phone: 1 (817) 870-2800

CA No. **Unit:** **LITTLE CANYON**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 8/6/2007
4a. Is the new operator registered in the State of Utah: Business Number: 5655506-0143
4b. If **NO**, the operator was contacted contacted on:
5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
5b. Inspections of LA PA state/fee well sites complete on: n/a
5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on:
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on:
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 9/27/2007
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 9/27/2007
3. Bond information entered in RBDMS on: 9/27/2007
4. Fee/State wells attached to bond in RBDMS on: 9/27/2007
5. Injection Projects to new operator in RBDMS on: 9/27/2007
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000138
2. Indian well(s) covered by Bond Number: n/a
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
3b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008
The Division sent response by letter on:

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER _____

8. WELL NAME and NUMBER: SEE ATTACHED

2. NAME OF OPERATOR: XTO Energy Inc. N2615

9. API NUMBER: SEE ATTACHED

3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102

PHONE NUMBER: (817) 870-2800

10. FIELD AND POOL, OR WILDCAT: Natural Buttes

4. LOCATION OF WELL

FOOTAGES AT SURFACE: SEE ATTACHED

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
_____	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: _____
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
N1095

James D Abercrombie (405) 749-1300
James D. Abercrombie
Sr. Vice President, General Manager - Western Business Unit

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) Edwin S. Ryan, Jr. TITLE Sr. Vice President - Land Administration

SIGNATURE Edwin S Ryan Jr DATE 7/31/2007

(This space for State use only)

APPROVED 9/27/07
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
AUG 06 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

LITTLE CANYON UNIT

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304731026	HILL FEDERAL 1-10	NESW	10	110S	200E	U-44089	1368	Federal	GW	TA
4304731178	LAFKAS FED 1-3	SWSW	03	110S	200E	U-34350	1367	Federal	GW	S
4304735639	LCU 5-35F	SWNW	35	100S	200E	U-01470-C	14619	Federal	GW	P
4304735646	LCU 10-35F	NWSE	35	100S	200E	U-01470-D	14619	Federal	GW	P
4304735729	LCU 14-1H	SESW	01	110S	200E	UTU-73436	14619	Federal	GW	P
4304735730	LCU 12-1H	NWSW	01	110S	200E	UTU-73436	14619	Federal	GW	P
4304735731	LCU 2-12H	NWNE	12	110S	200E	UTU-73436	14619	Federal	GW	P
4304736164	LCU 6-6G	SENW	06	110S	210E	UTU-75700	14619	Federal	GW	P
4304736165	LCU 2-1H	NWNE	01	110S	200E	UTU-76264	14619	Federal	GW	P
4304736166	LCU 5-1H	SWNW	01	110S	200E	UTU-76264	14619	Federal	GW	P
4304736167	LCU 16-1H	SESE	01	110S	200E	UTU-73436	14619	Federal	GW	P
4304736168	LCU 11-1H	NESW	01	110S	200E	UTU-73436	14619	Federal	GW	P
4304736607	LCU 11-10H	NESW	10	110S	200E	U-44089	15361	Federal	GW	P
4304736774	LCU 2-10H	NWNE	10	110S	200E	UTU-44089	15330	Federal	GW	P
4304736775	LCU 7-3H	SWNE	03	110S	200E	UTU-44090-A	15777	Federal	GW	P
4304736776	LCU 11-3H	NESW	03	110S	200E	UTU-34350	16104	Federal	GW	DRL
4304736803	LCU 7-1H	SWNE	01	110S	200E	UTU-76264	14619	Federal	GW	P
4304736804	LCU 3-3H	NENW	03	110S	200E	UTU-44090-A	16070	Federal	GW	DRL
4304736805	LCU 14-3H	SESW	03	110S	200E	UTU-34350	16106	Federal	GW	DRL
4304736806	LCU 15-9H	SWSE	09	110S	200E	UTU-76265	16042	Federal	GW	DRL
4304736807	LCU 8-12H	SENE	12	110S	200E	U-73436	14619	Federal	GW	P
4304736811	LCU 14-35F	SESW	35	100S	200E	U-01470-D	14619	Federal	GW	P
4304736812	LCU 13-35F	SWSW	35	100S	200E	U-01470-D	14619	Federal	GW	P
4304736813	LCU 12-6G	NWSW	06	110S	210E	U-72665	15248	Federal	GW	P
4304736891	LCU 9-3H	NESE	03	110S	200E	UTU-34350	16107	Federal	GW	DRL
4304737198	LCU 6-11H	SENW	11	110S	200E	UTU-73436	16009	Federal	GW	P
4304737199	LCU 12-11H	NWSW	11	110S	200E	UTU-73436	16009	Federal	GW	P
4304737200	LCU 14-11H	SESW	11	110S	200E	UTU-73436	16009	Federal	GW	P
4304737449	LCU 9-11H	NESE	11	110S	200E	UTU-73436	16009	Federal	OW	P
4304738380	LCU 6-3H	SENW	03	110S	200E	UTU-44090-A	15939	Federal	GW	DRL
4304738381	LCU 10-3H	NWSE	03	110S	200E	UTU-34350	16157	Federal	GW	DRL
4304738382	LCU 16-3H	SESE	03	110S	200E	UTU-34350	16105	Federal	GW	DRL
4304738991	LCU 2-6GX (RIGSKID)	NWNE	06	110S	210E	UTU-075700	15912	Federal	GW	P
4304739065	UTE TRIBAL 3-11H	NENW	11	110S	200E	14-20-H62-5611	16073	Indian	GW	DRL
4304739066	UTE TRIBAL 7-11H	SWNE	11	110S	200E	14-20-H62-5611	16044	Indian	GW	P
4304739067	UTE TRIBAL 8-11H	SENE	11	110S	200E	14-20-H62-5611	16045	Indian	GW	DRL

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

LITTLE CANYON UNIT

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304735613	LCU 12-36F	NWSW	36	100S	200E	ML-47391	14619	State	GW	P
4304735643	LCU 10-2H	NWSE	02	110S	200E	ML-48771	14630	State	GW	P
4304736611	LCU 13-2H	SWSW	02	110S	200E	ML-48771	15704	State	GW	P
4304736779	LCU 5-2H	NESW	02	110S	200E	ML-48771	99999	State	GW	DRL
4304736780	LCU 11-2H	NESW	02	110S	200E	ML-48771	99999	State	GW	DRL
4304736783	LCU 14-36F	SESW	36	100S	200E	ML-47391	14619	State	GW	P
4304737986	LCU 3-36F	NENW	36	100S	200E	ML-47391	16071	State	GW	DRL
4304737987	LCU 10-36F	NWSE	36	100S	200E	ML-47391	15911	State	GW	S
4304737988	LCU 8-36F	SENE	36	100S	200E	ML-47391	16030	State	GW	P
4304737989	LCU 13-36F	SWSW	36	100S	200E	ML-47391	14619	State	GW	P
4304737999	LCU 6-36F	SENW	36	100S	200E	ML-47391	16059	State	GW	S
4304738026	LCU 11-36F	NESW	36	100S	200E	ML-47391	14619	State	GW	P
4304738256	LCU 8-2H	SENE	02	110S	200E	ML-48771	99999	State	GW	DRL
4304738257	LCU 12-2H	NWSW	02	110S	200E	ML-48771	15750	State	GW	P
4304738258	LCU 7-2H	SWNE	02	110S	200E	ML-48771	15664	State	GW	P
4304738259	LCU 9-2H	SENE	02	110S	200E	ML-48771	99999	State	GW	DRL
4304738260	LCU 15-36F	SWSE	36	100S	200E	ML-47391	15893	State	GW	P

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

TAKE PRIDE IN AMERICA

IN REPLY REFER TO
3180
UT-922

Dominion Exploration & Production, Inc.
Attn: James D. Abercrombie
14000 Quail Springs Parkway, #600
Oklahoma City, OK 73134-2600

August 10, 2007

Re: Little Canyon Unit
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the Little Canyon Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Little Canyon Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED
AUG 16 2007
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: LCU 14-36F

2. NAME OF OPERATOR: XTO ENERGY INC.

9. API NUMBER: 4304736783

3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410

PHONE NUMBER: (505) 333-3100

10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 548' FSL & 1962' FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 36 10S 20E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: CLEANOUT
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. performed cleanout work on this well per the attached morning report.

NAME (PLEASE PRINT) LORRI D. BINGHAM TITLE REGULATORY COMPLIANCE TECH

SIGNATURE DATE 5/23/2008

(This space for State use only)

RECEIVED
MAY 27 2008
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

LCU #14-36F Cleanout

3/20/08 SITP 400 psig, SICP 200 psig. Estb circion w/AFU. DO sc bridge fr/7239' - 7260' & fell thru. Circ cln & RD pwr swivel. TIH w/55 jts tbg. Tgd fill @ 8995'. RU swivel & CO to PBTD @ 9104'. Circ cln. Bd & KW w/30 bbls 2% KCl wtr. RDMO AFU & pwr swivel. TOH w/168 jts tbg. EOT @ 3860'. SWI & SDFN. 110 BLWTR.

3/21/08 SITP 300 psig. SICP 350 psig. Bd & KW w/40 bbls 2% KCL wtr. TOH w/123 jts tbg. LD bit & csg scr. TIH w/prod strg & Ld on hgr as follows: 287 jts 2-3/8", J-55, 4.7#, EUE, 8rd tbg, 2-3/8" SN & mule shoe col. SN @ 8916', EOT @ 8917', WA/MV perfs fr/6457'-9037' & PBTD @ 9104'. KW w/30 BW as TIH. RU swb tls. RIH w/XTOs 1.90" tbg broach to SN. No ti spots. POH & LD broach. ND BOP. NU WH. MIRU Multi-Chem. Trtd tbg w/55 gals 15% HCl, 10 gals mutual solvent & flshd w/2 BW. Trtd TCA for sc BU w/445 gals 15% HCl, 40 gals mutual solvent & flshd w/3 BW. SWI. RDMO Multi- Chem & Temples WS #1. WO swb un. 20 BLWTR.

3/24/08 SITP 0 psig. SICP 640 psig. MIRU Triple J Services SWU. BD tbg. RU & RIH w/swb tls. SN @ 8,916'. BFL @ 5,400' FS. S. 0 BO, 32 BW, 9 runs, 4.5 hrs. FFL 5,600' FS. SWI, SDFN.

SwabZone:MV/WSTC
Event Desc:SWABTop Interval:6,457Bottom Interval:9,037
SwabCasingTubingBegBBLS
TimeRunsPsigPsigFLRecComments
12:30 1 640 0 5,400 5.00
12:55 7 640 0 5,300 24.00
15:57 1 650 0 5,600 3.00 SWI. SDFN.
Ttl Bbls:32.00

3/25/08 SITP 0 psig. SICP 640 psig. Triple J Services SWU. BD tbg. RU & RIH w/swb tls. SN @ 8,916'. BFL @ 6,400' FS. S. 0 BO, 27 BW, 8 runs, 10 hrs. FFL 6,700' FS. KO well FLWG. SITP 300 psig, SICP 670 psig. RWTP @ 3:30 p.m., 3-25-08, RDMO Triple J Services SWU.

API Well No: 43047367830000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-47391

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: LITTLE CANYON

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: LCU 14-36F

2. NAME OF OPERATOR: XTO ENERGY INC

9. API NUMBER: 43047367830000

3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410 **PHONE NUMBER:** 505 333-3159 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0548 FSL 1962 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 36 Township: 10.0S Range: 20.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 10/15/2009	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: PWOP

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. intends to put this well on pump with the intent of increasing production. Please see the attached procedure.

Approved by the Utah Division of Oil, Gas and Mining

Date: September 29, 2009

By: Dustin Doucet

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Barbara Nicol	505 333-3642	Regulatory Clerk
SIGNATURE N/A		**DATE** 9/28/2009

RECEIVED September 28, 2009

JTB _____
TJF _____
DLC _____

LCU 14-36F
Sec 36, T 10 S, R 20 E
Uintah County, Utah
API: 43-047-36783
XTO # 162369

AFE # 900738

Put Well on Pump

Surf csg: 8-5/8", 32#, J-55, csg @ 2241'
Prod csg: 5-1/2", 17#, M-80, LT&C csg @ 9133'. Bond log tag @ 9090'
Tbg: 2-3/8" tbg, EOT @ 8918'
Perfs: **WA:** 6457'-76'
MV: 7205'-25', 7528'-31', 7535'-43', 7562'-68', 7573'-77', 7722'-32', 7740'-46', 7801'-03', 7818'-22', 7824'-28', 7856'-68', 7880'-82', 8582'-84', 8586'-93', 8712'-18', 8785'-90', 8840'-44', 8938'-42', 8976'-78', 9031'-37'

Note: Wellview suggests a shoe joint was not used on production casing; float collar shown @ 9130'

PWOP Procedure

1) MI and set a Lufkin RM 320-256-120 pumping unit (min ECB 17,400 lbs) with a C-96 engine. Set CB weights as follows:

Description	Weight	Position
Left Lag	ORO	19.9" from end of crank
Left Lead	ORO	19.9" from end of crank
Right Lag	ORO	19.9" from end of crank
Right Lead	ORO	19.9" from end of crank

2) MIRU PU. Blow down casing and kill well w/ 2% KCl. ND WH, NU BOP. Unseat tubing hanger and lower tubing to tag, then tally out of hole. Advise Tom Boyce of fill, scale or corrosion on tubing. Consider acid job if scale is present.

3) Pick up 4 ¾" bit and casing scraper, clean out as deep as possible with foam. POH, consider washover shoe to drill down and/or recover BRS. Attempt to maximize rathole. POH, LD tools.

RECEIVED September 28, 2009

4) RIH with pumping string as follows:
   a) 2 3/8" x 5 ½" TEC tubing anchor
   b) 2 3/8" x 4' perforated sub
   c) 2 3/8" x 1.78" S/N
   d) 2 3/8" 4.7# J-55 tubing to surface

   Land tubing in tension with anchor at ±9070'. ND BOP, NU wellhead.

5) RIH w/ pump and rod string as follows:
   a) 2"x 1 1/4"x 16'x 19' RHBC w/ 12" strainer nipple
   b) 3/4" x 4' rod sub
   c) 3/4" – 21,000 lb HF shear tool
   d) 10- 1 1/4" API K Sinker Rods
   e) 30 - 3/4" Norris 96 Rods w/ "T" couplings and 5 molded guides/rod
   f) 322 - 3/4" Norris 96 Rods w/ "T" couplings
   g) 3/4"- Norris 96 rod pony rods as necessary to space out
   h) 1 ¼" x 22' Polish rod w/ 1 ½" liner

6) Space out pump as required with pony rods. Load tubing and long stroke with rig to ensure pump action. RDMO PU.

7) Gauge tanks. Shoot FL and run dynamometer during pumping unit startup. Start well pumping at 3 SPM and 120" SL for 24 hours. Check fluid level and tank gauges.

8) Report pre and post start up data to Tom Boyce

RECEIVED September 28, 2009

Regulatory

- Submit NOI and subsequent report to BLM and Utah Division of Oil Gas & Mining for installation of pumping unit.

Services/Material

- AFU
- 4-3/4" bit & bit sub, 5-1/2" casing scraper

Equipment

- Lufkin RM 320-256-120 pumping unit (min ECB 17,400 lbs) with a C-96 engine
- TEC 5 ½" x 2 3/8" anchor catcher

Rods

- 2" x 1 ¼" x 16' x 19' RHBC pump w/ 12" strainer nipple
- ¾" x 4' Rod Sub
- ¾" – 21,000 lb HF Shear Tool
- 10 – 1-1/4" x 25' API K Sinker Bars
- 30 - 3/4" Norris 96 Rods w/ "T" couplings and 5 molded guides/rod
- 322- 3/4" Norris 96 Rods w/ "T" couplings
- 3/4"- Norris 96 rod pony rods as necessary to space out
- 1 ¼" x 22' Polish rod w/ 1 ½" liner

RECEIVED September 28, 2009

API Well No: 43047367830000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-47391

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: LITTLE CANYON

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: LCU 14-36F

2. NAME OF OPERATOR: XTO ENERGY INC

9. API NUMBER: 43047367830000

3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410 **PHONE NUMBER:** 505 333-3159 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0548 FSL 1962 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 36 Township: 10.0S Range: 20.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	✓ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 11/20/2009	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: PWOP

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. has acidized this well and put it on a pump. Please see the attached summary report.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
November 23, 2009

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Barbara Nicol	505 333-3642	Regulatory Clerk
SIGNATURE N/A		**DATE** 11/23/2009

RECEIVED November 23, 2009

EXECUTIVE SUMMARY REPORT

9/2/2009 - 11/23/2009
Report run on 11/23/2009 at 11:22 AM

Little Canyon Unit 14-36F

Section 36-10S-20E, Uintah, Utah, Roosevelt
Objective: Put well on rods & pump
Date First Report: 10/5/2009

10/5/2009 First rpt for PWOP. PBTD 9,090'. SN @ 8,916'. EOT @ 8,918'. WA/MV perfs fr/6,457' - 9,037'. MIRU Temples WS rig #1. MI & spot rig pmp & tks. Bd well. KW dwn TCA w/35 bbl 2% KCl wtr. ND WH. NU BOP. Unland tbg and LD hgr. PU & TIH w/5 jts 2-3/8", J-55, 4.7#, EUE, 8rd tbg. Preliminary tgd PBTD @ 9,074'. LD 5 jts tbg. TOH w/168 jts 2-3/8", J-55, 4.7#, EUE, 8rd tbg. Found fluid in tbg. RU swb tls. Rig dn with mechanical problems. EOT @ 3,700'. Leave well selling overnight & SDFN.

========== Little Canyon Unit 14-36F ==========

10/6/2009 PBTD 9,090'. EOT @ 3,700'. WA/MV perfs fr/6,457' - 9,037'. Bd well. Fin TOH w/56 jts 2-3/8", J-55, 4.7#, EUE, 8rd tbg, SN w/MS. Found med external sc on tbg starting @ 7,270' & contd to SN. BHBS recd @ SN. Samples taken for analysis. PU & TIH w/4-3/4'' tricone bit, 5-1/2" csg scr, SN & 292 jts 2-3/8" tbg. Tgd @ 9,074'(37' blw btm perf & 16' of fill). MIRU AFU. Estb circ w/AFU. CO fr/9,074' to 9,075' (38' blw btm perf & 15' fill) w/1 jts tbg. Tgd hard @ 9,075'. Circ hole cln. LD 5 jts tbg. EOT @ 8,917'. Leave well selling overnight & SDFN. Ppd 100 bbl 2% KCl trtd wtr w/AFU.

========== Little Canyon Unit 14-36F ==========

10/7/2009 PBTD 9,090'. EOT @ 8,917'. WA/MV perfs fr/6,457' - 9,037'. TOH w/292 jts 2-3/8", J-55, 4.7#, EUE, 8rd tbg, SN, 5-1/2" csg sc w/4-3/4'' tricone bit. LD 5-1/2" csg scr & bit. PU & TIH w/4-3/4'' thin wall shoe, SN & 293 jts 2-3/8" tbg. Tgd @ 9,075'(38' blw btm perf & 15' of fill). Estb circ w/AFU. CO fr/9,075' to 9,108' (71' blw btm perf & 0' fill) w/2 jts tbg. Tgd hard @ 9,108'. Circ hole cln. RDMO AFU. LD 5 jts tbg. EOT @ 8,917'. Leave well selling overnight & SDFN. Ppd 100 bbl 2% KCl trtd wtr w/AFU.

========== Little Canyon Unit 14-36F ==========

10/8/2009 New PBTD @ 9,108'. EOT @ 8,917'. Bd well. KW dwn TCA w/30 bbl 2% KCl wtr. TOH w/2-3/8" tbg, SN & 4-3/4'' thin wall shoe. LD shoe. Did not recv BRS & 3-3/4"bit. KW dwn TCA w/30 bbl 2% KCl wtr. PU & TIH w/5-1/2" x 2-3/8" Tech Tac TAC, 1 - 2-3/8" x 4' N-80 perf sub, new 2-3/8" SN, 291 jts 2-3/8" J-55, 4.7#, EUE, 8rd tbg, & 2 - 10' X 2-3/8" N-80, 4.7# 8rd EUE tbg subs. RU swb tls & RIH w/1-1/2" sbs to 9,000' FS. POH & PU XTO's 1.91" tbg broach. RIH to SN. No ti spots. POH & LD broach. Ppd dwn tbg w/20 bbl 2% KCl trtd wtr for pad. Dropd SV. PT tbg to 1,000 psig for 15" w/31 bbl 2% KCl trtd wtr. Tstd OK. Rlsd press. Retr SV. EOT @ 9,065'. SWI w/csg flwg to sales & SDFN.

========== Little Canyon Unit 14-36F ==========

10/9/2009 EOT @ 9,065'. ND BOP. Set TAC @ 9,078'. Ld tbg in 12 K ten w/donut tbg hgr. SN @ 9,073'. EOT @ 9,081'. WA/MV perfs fr/6,457' - 9,037'. NEW PBTD @ 9,108'. Ppd dwn tbg w/35 bbl 2% KCl trtd wtr & SI tbg. Ppd dwn TCA w/60 bbl chem pill containing: 2% KCl wtr, 110 gal Nalco DVE 40 005 sc inhibitor, 5 gal Nalco EC 6106 biocide & 50 gal Fractec IPA 2000, 20 bbl 2% KCl spcr @ 6 BPM & 0 psig, 1,500 gals 15% HCL ac containing: FE 15 gal 200, 6 gal FE 100L, 12 gal CI 300 HT, EGBME mutual solvent & NE 100 non emulsifier @ 6 BPM & 0 psig. Flshd w/126 bbls trtd 2% KCl wtr @ 6 BPM & 0 psig. ISIP 0 psig. Let ac soak 1 hr. SICP 0 psig. Flshd w/50 bbls trtd 2% KCl wtr @ 5 BPM & 0 psig. ISIP 0 psig. SWI. RDMO Frac Tech. SDFWE.

========== Little Canyon Unit 14-36F ==========

RECEIVED November 23, 2009

10/12/2009 PBTD 9,108'. EOT @ 9,065'. WA/MV perfs fr/6,457' - 9,037'. RU & RIH w/swb tls. BFL @ 5,400' FS. S. 0 BO, 50 BLW, 25 runs, 10 hrs, FFL @ 6,300' FS w/tbg on vac, blk fld smpls w/lt - med sc & sd solids. SICP 500 psig. SWI & SDFN.

========== Little Canyon Unit 14-36F ==========

10/13/2009 PBTD 9,108'. EOT @ 9,065'. WA/MV perfs fr/6,457' - 9,037'. RU & RIH w/swb tls. BFL @ 5,800' FS. S. 0 BO, 45 BLW, 25 runs, 8 hrs, FFL @ 6,400' FS w/tbg on vac, blk fld smpls w/lt - med sc & sd solids. SICP 500 psig. SWI & SDFN.

========== Little Canyon Unit 14-36F ==========

10/14/2009 PBTD 9,108'. EOT @ 9,065'. WA/MV perfs fr/6,457' - 9,037'. RU & RIH w/swb tls. BFL @ 5,800' FS. S. 0 BO, 8 BLW, 6 runs, 2 hrs, FFL @ 6,100' FS w/tbg on vac, grey fld smpls w/no solids. SICP 500 psig. Bd well. RD swb tls. PU & loaded 2" x 1-1/4" x 16' x 19' x 21' RHBC w/6'-5" GRV plngr (XTO #217)w/12" strnr nip. PU & TIH w/pmp, 4' x 3/4" rod sub, shear tl (pinned to 26K), 10 - 1-1/4" API K sbs, 30 3/4" guided (5 per rd) Norris 95 skr d w/T cplg's, 321 - 3/4" slick Norris 95 skr d w/T cplg's, 3 - Norris 97 rod subs, 2', 6' & 8' x 3/4" & 1-1/4" x 26' PR w/1-1/2" x 14' lnr. Seated pmp. PT tbg to 1,000 psig w/20 bbls trtd 2% KCl wtr for 10". Tstd ok. Rlsd press. LS pmp w/rig to 1000 psig. GPA. Rlsd press. SWO & clamp off rods for PU installation. SWI & RDMO Temples WS rig #1. Unable to RWTP surf equip not ready. Suspnd rpts, turn well over to facilities.

========== Little Canyon Unit 14-36F ==========

11/20/2009 The Little Canyon Unit 14-36F PWOP. Stoke length 144. 4 SPM. This well is on Route #212. XTO allocation Meter # RS 0900 RS. RTU Group 10. Address 147. Waynes Check CDP Meter #RS1264CT. RWTP @ 11:30 p.m. Final report start test data.

========== Little Canyon Unit 14-36F ==========

RECEIVED November 23, 2009

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-47391

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: LITTLE CANYON

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: LCU 14-36F

2. NAME OF OPERATOR: XTO ENERGY INC

9. API NUMBER: 43047367830000

3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410

PHONE NUMBER: 505 333-3145 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0548 FSL 1962 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 36 Township: 10.0S Range: 20.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 1/24/2012	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Chemical Treatment

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. has performed a chemical treatment on this well:
01/24/2012: Poured 5 gals Nalco EC 1317A corr inhib dwn tbg.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
February 21, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Barbara Nicol	505 333-3642	Regulatory Compliance Tech
SIGNATURE N/A		**DATE** 2/16/2012

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-47391

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: LITTLE CANYON

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: LCU 14-36F

2. NAME OF OPERATOR: XTO ENERGY INC

9. API NUMBER: 43047367830000

3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood, CO, 80155

PHONE NUMBER: 303 397-3727 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0548 FSL 1962 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 36 Township: 10.0S Range: 20.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☑ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 5/10/2016	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. performed an Acid Treatment on this well per the following: 04/25/16: MIRU SLU. Suspect sc buildup in SN. RDMO SLU. 05/03/16: MIRU pmp truck. Pmp 750 gal 15% HCL dn csg and flush w/20 bbls TFW w/15 gal MX 765-8. Pmp 250 gal 15% HCL dn tbg. and flush w/ 20 bbls TFW w/10 gal MX 765-8. RDMO Pmp truck. 05/04/16: MIRU SWU. RIH w/swb tl's. 05/05/16: RIH w/swb tl's. SWIFPBU. 05/06/16: RIH w/swb tl's. SWIFPBU. 05/10/16: RIH w/swb tl's. Inspect & dropd same plunger. Cycle plunger to surf & RWTP. RDMO SWU.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
June 02, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Rhonda Smith	505 333-3215	Regulatory Clerk
SIGNATURE N/A		**DATE** 6/2/2016

RECEIVED: Jun. 02, 2016